

FIG. 1A

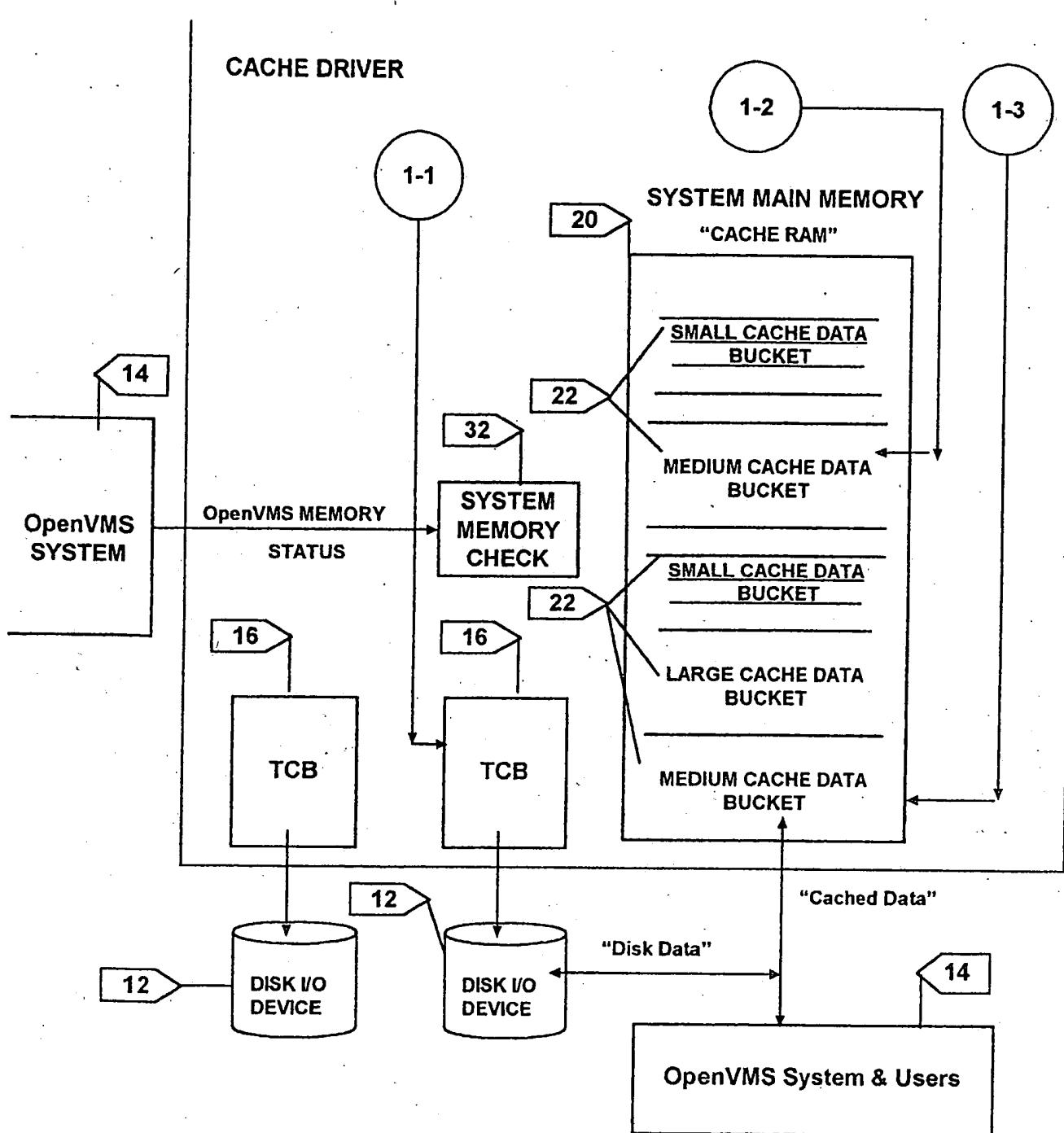


FIG. 1B

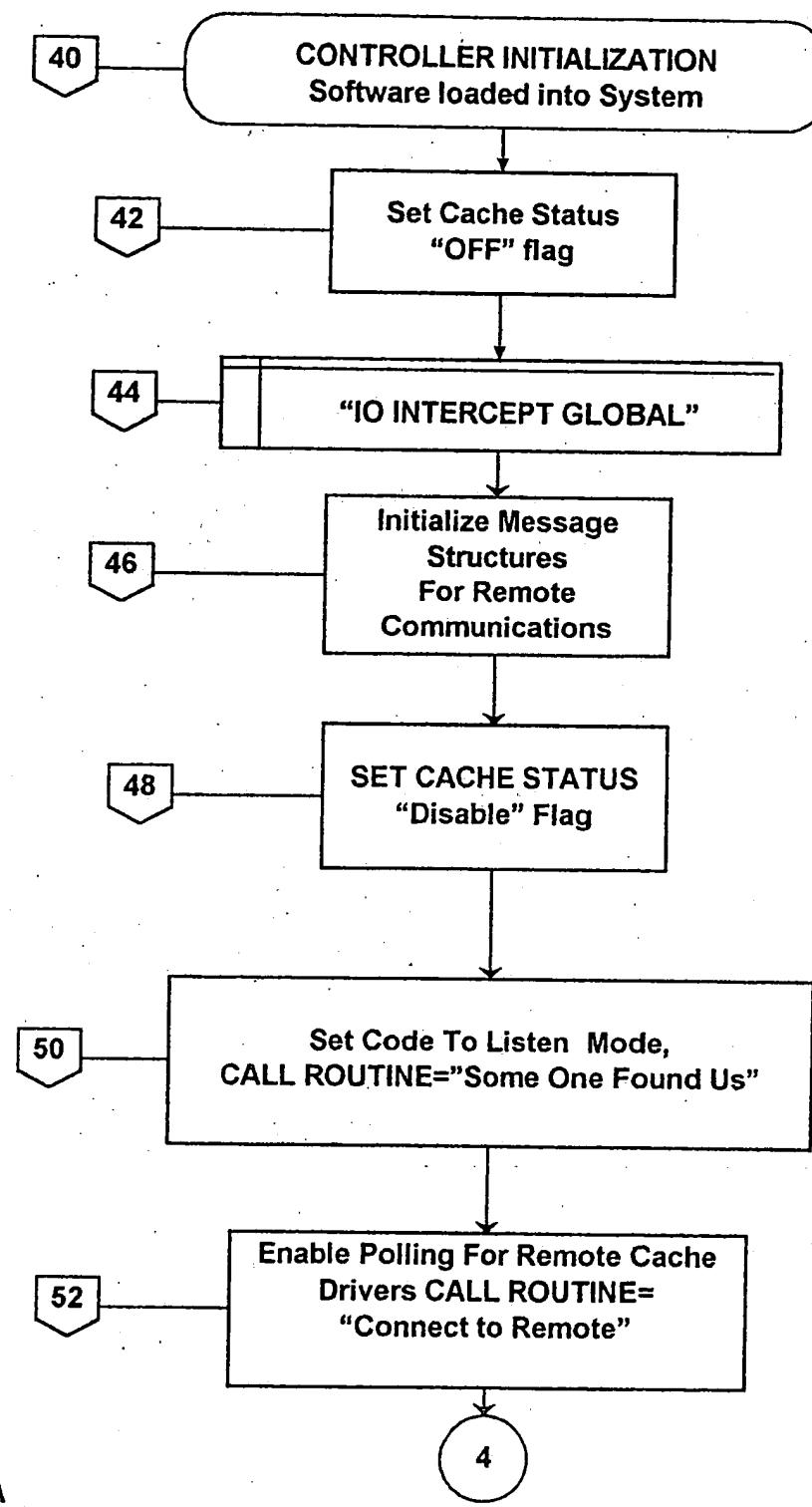


FIG. 2A

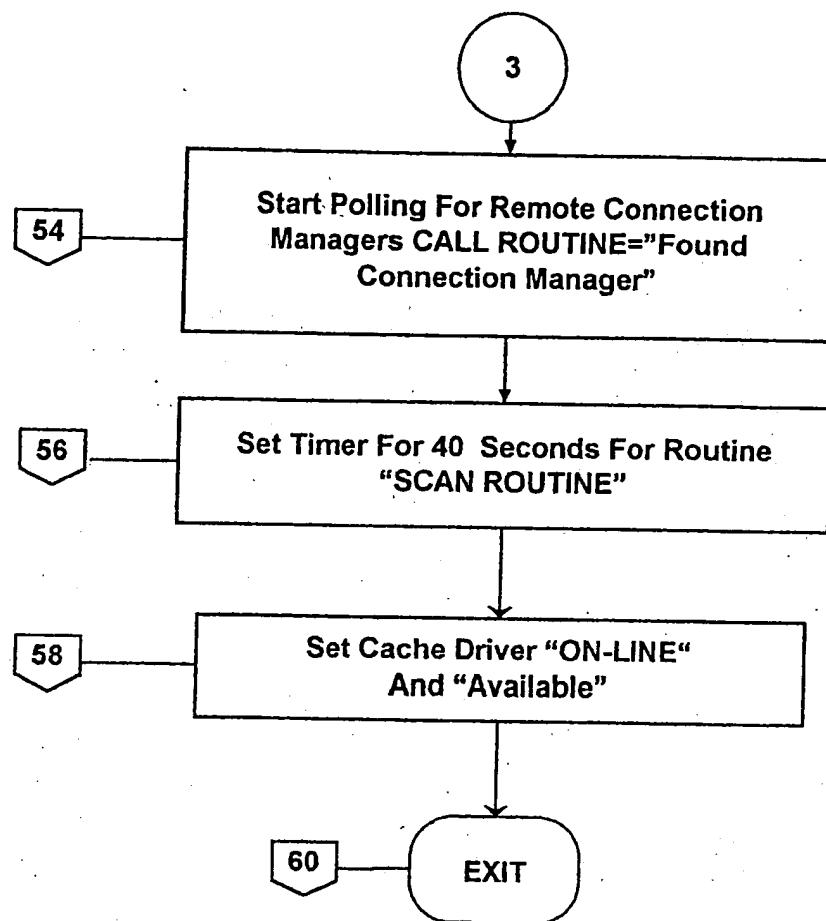


FIG. 2A-1

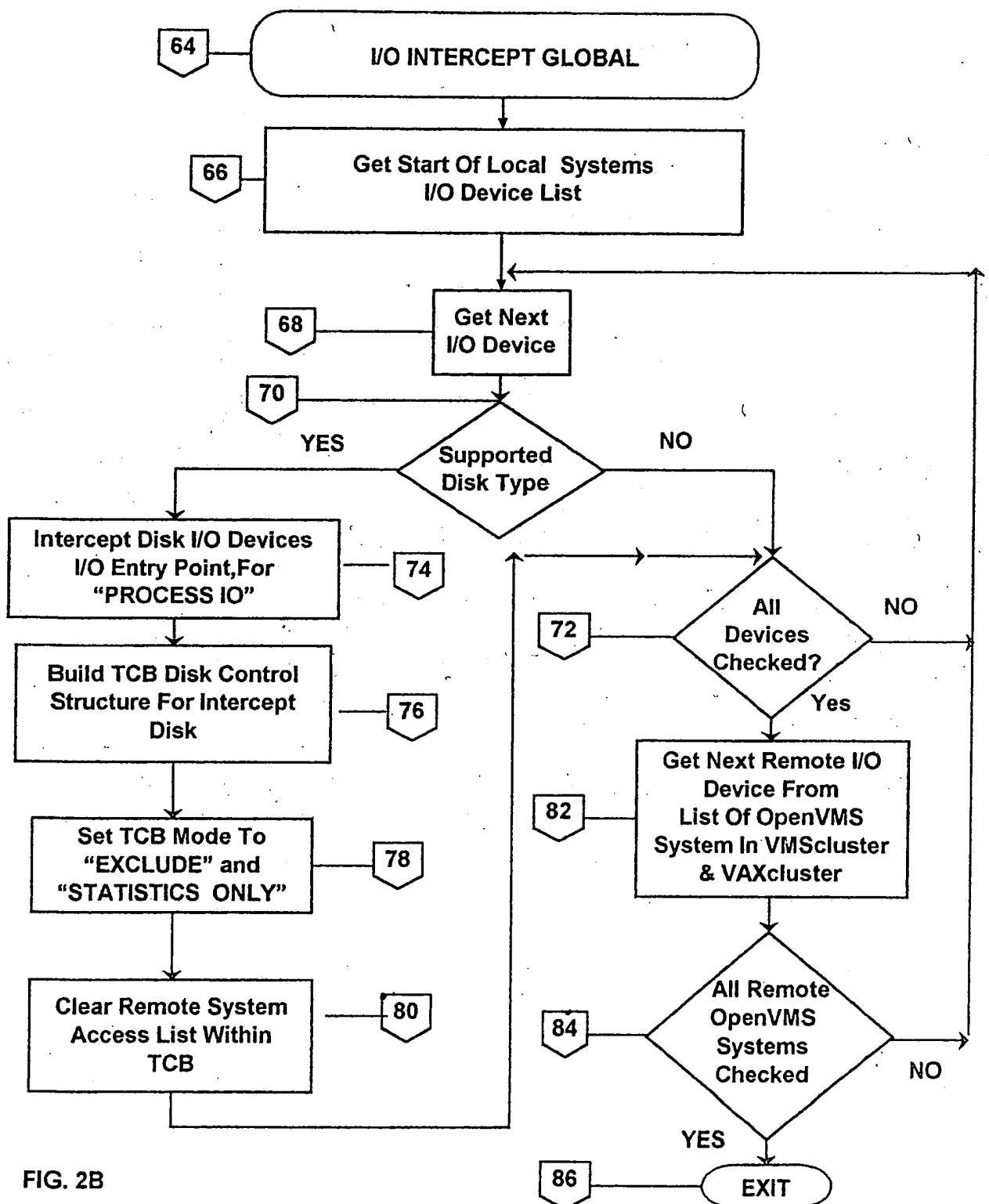


FIG. 2B

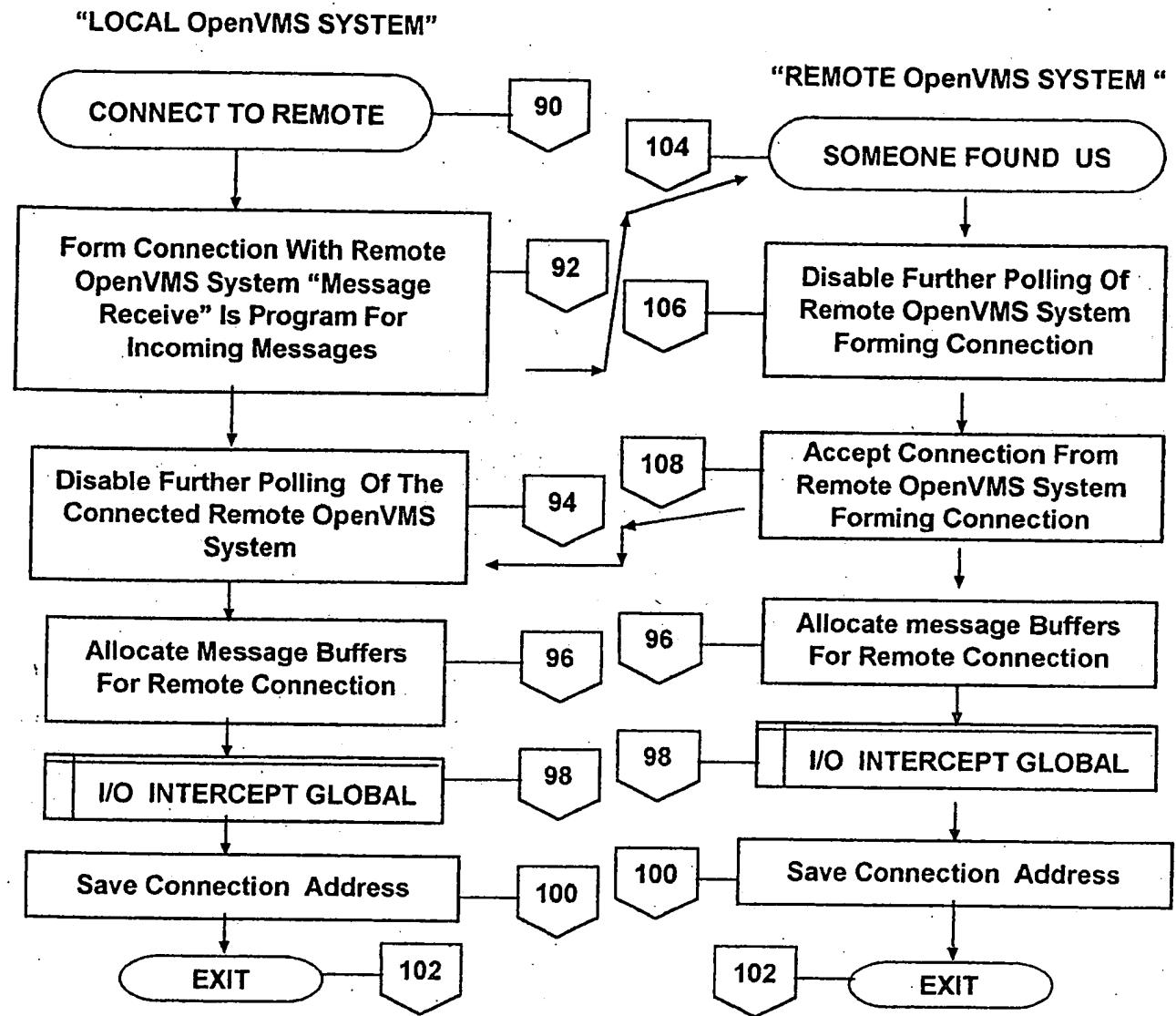


FIG. 2C

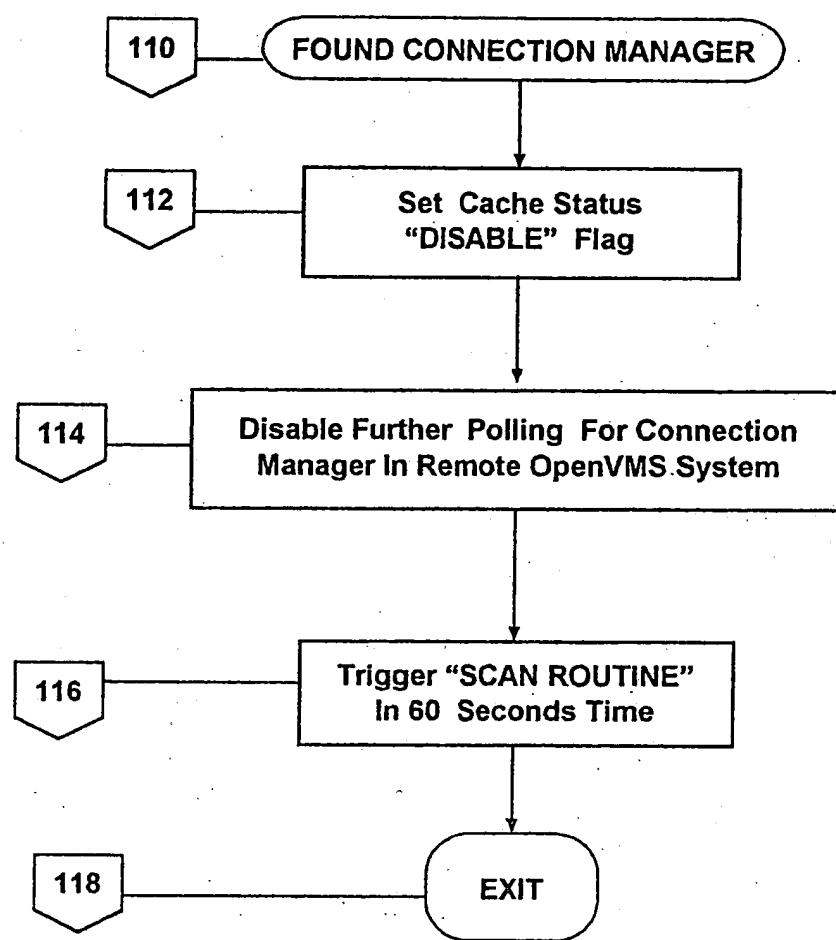


FIG. 2C-1

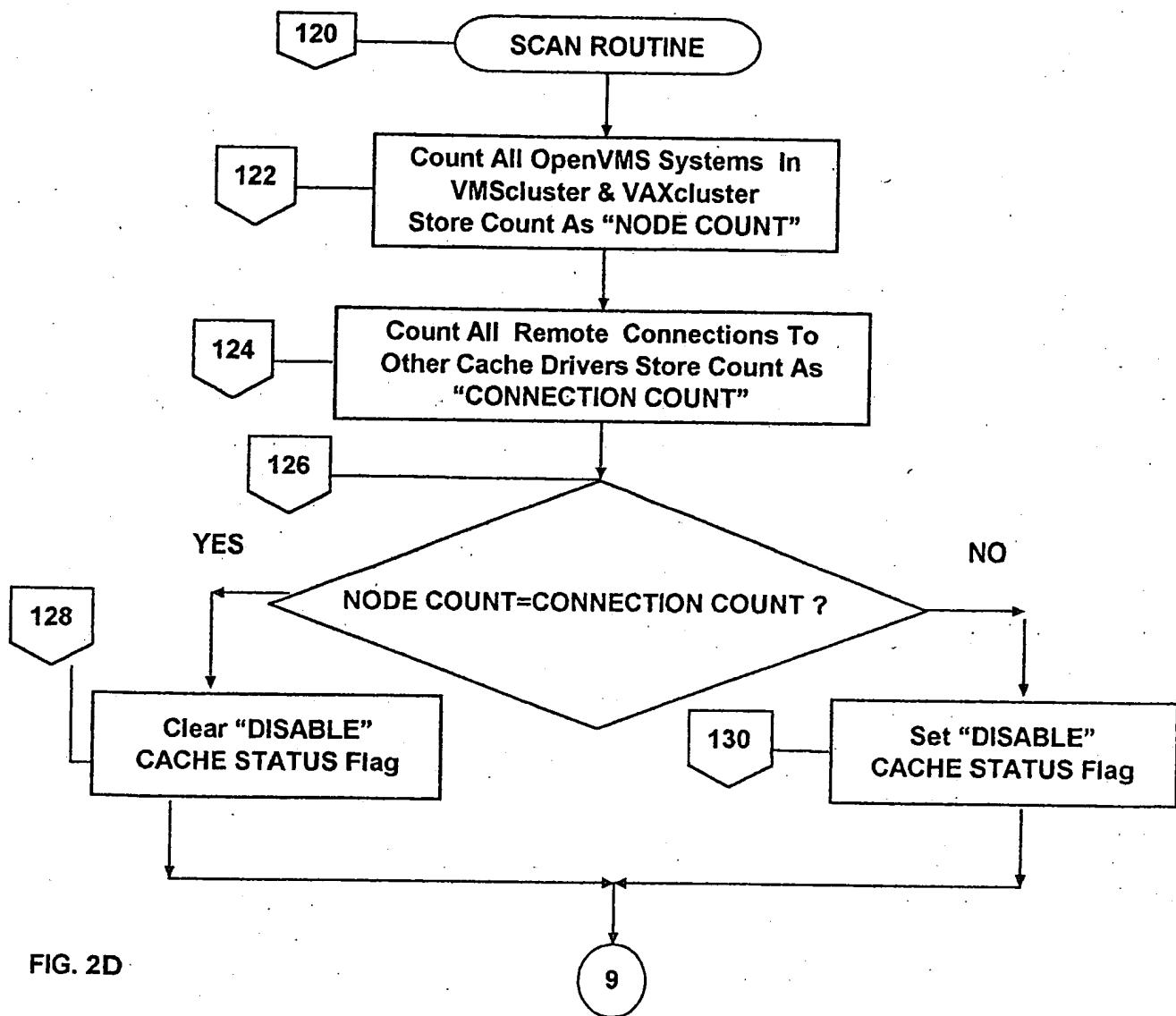
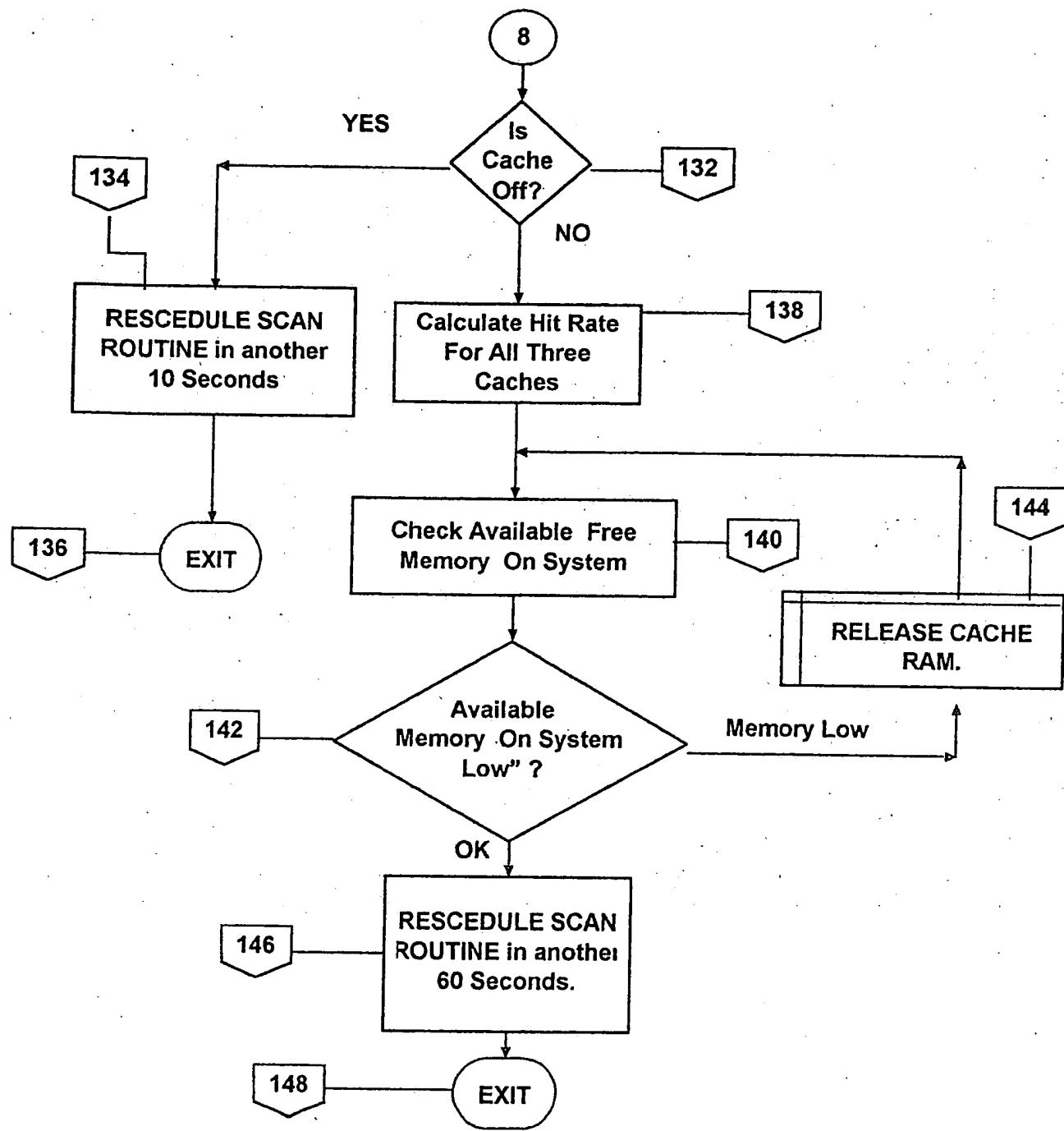


FIG. 2D



**Cache User
Interface Code:**

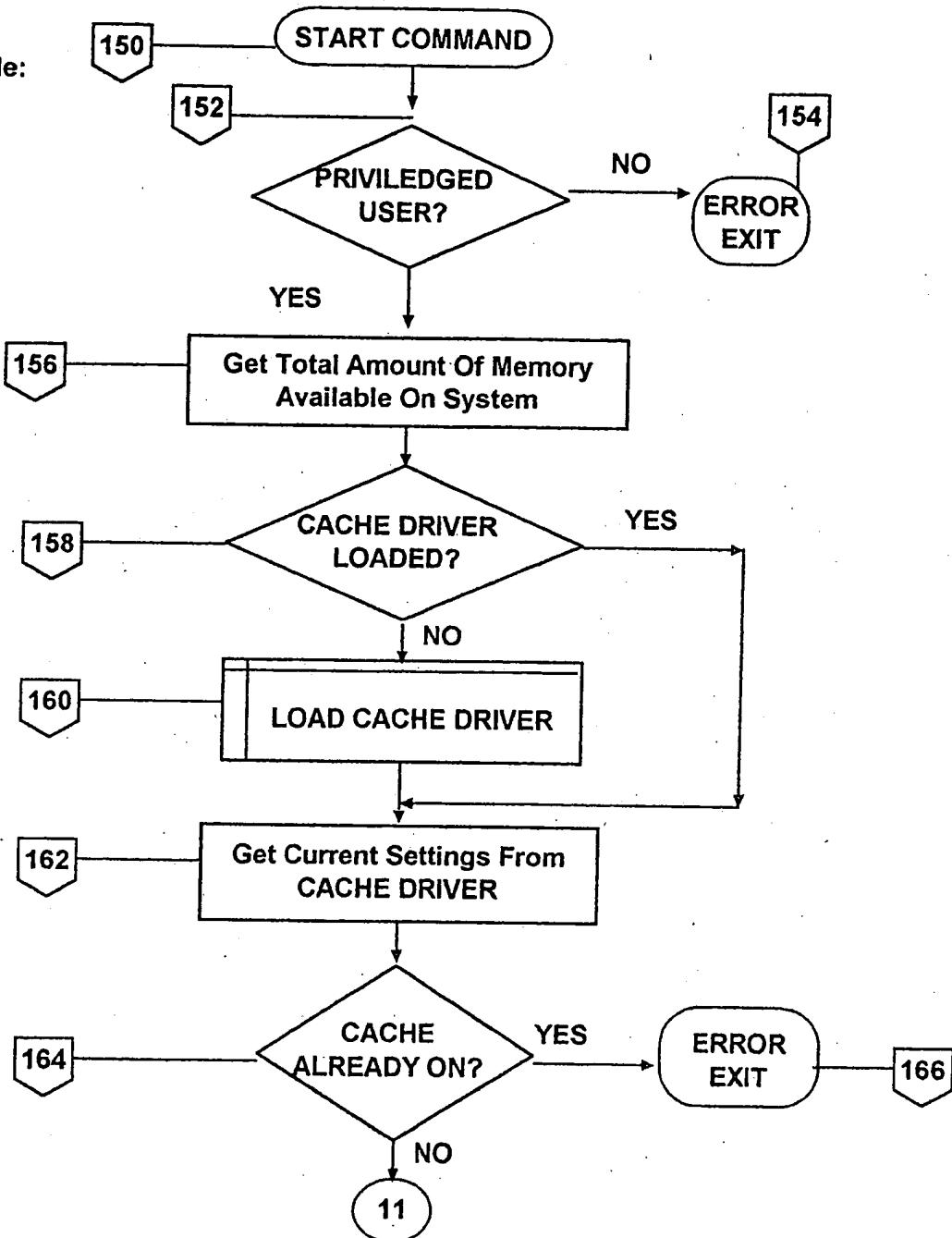


FIG. 3A

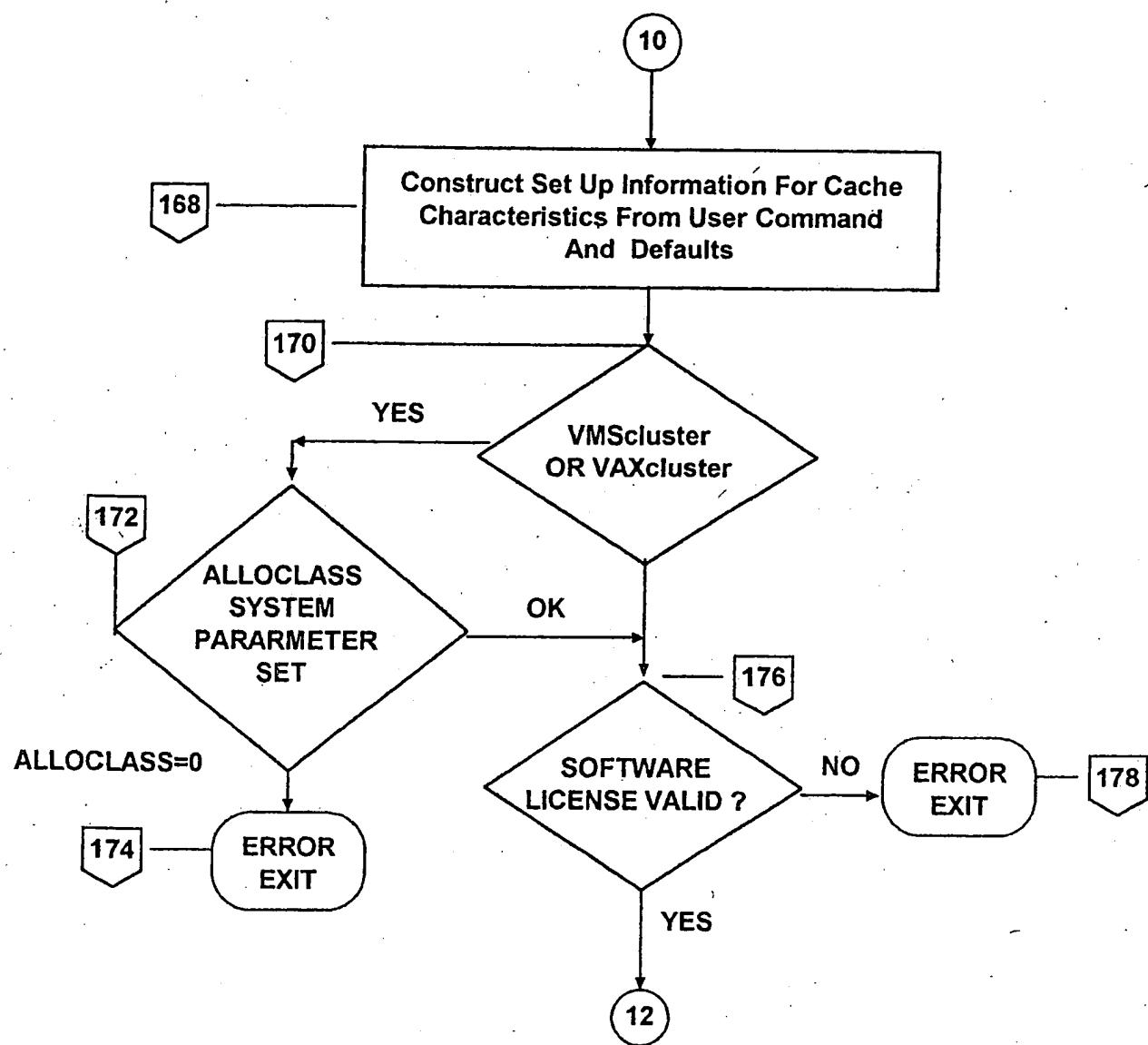


FIG. 3A-1

Cache User Interface Code:

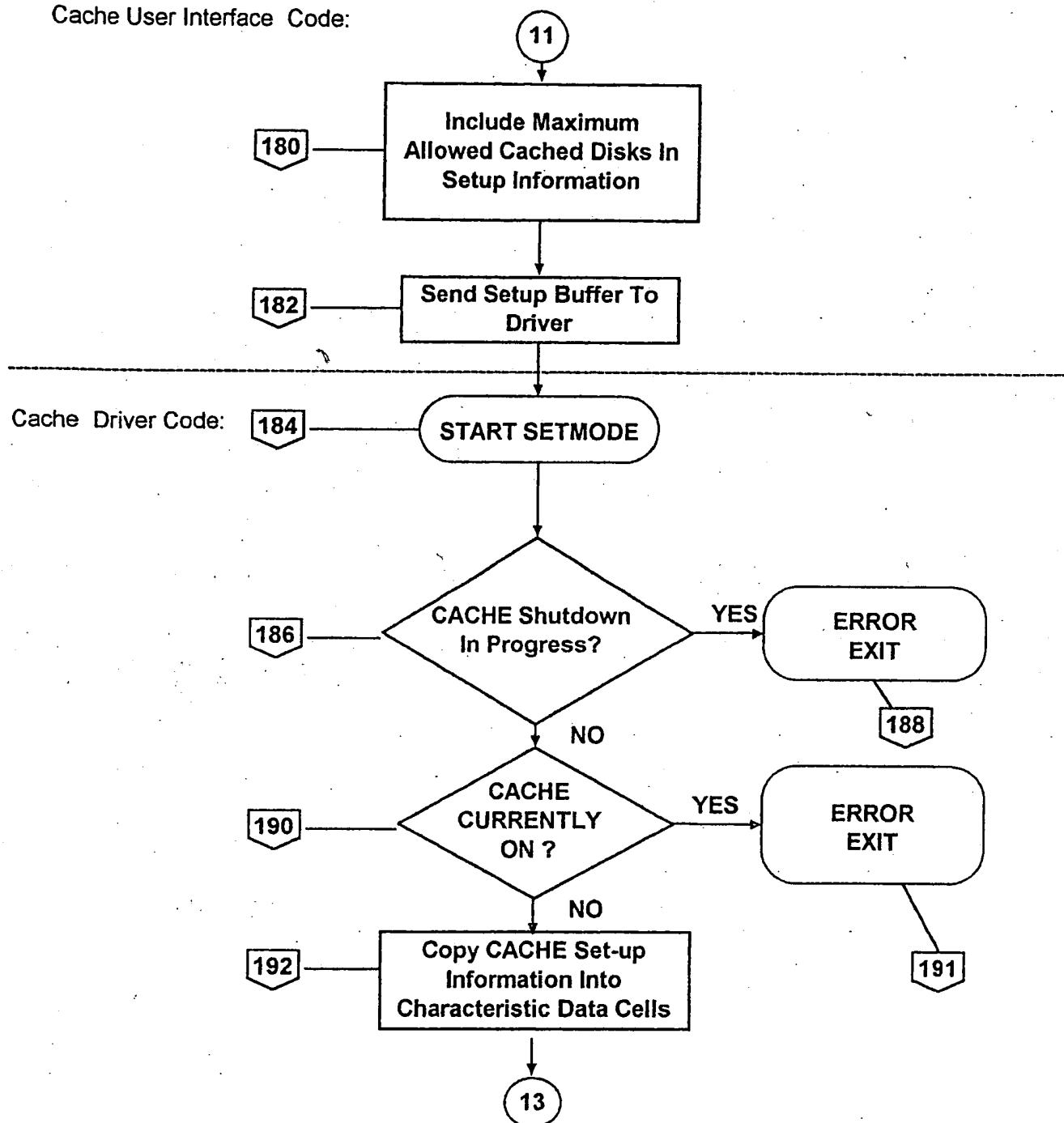


FIG. 3B

Cache Driver Code:

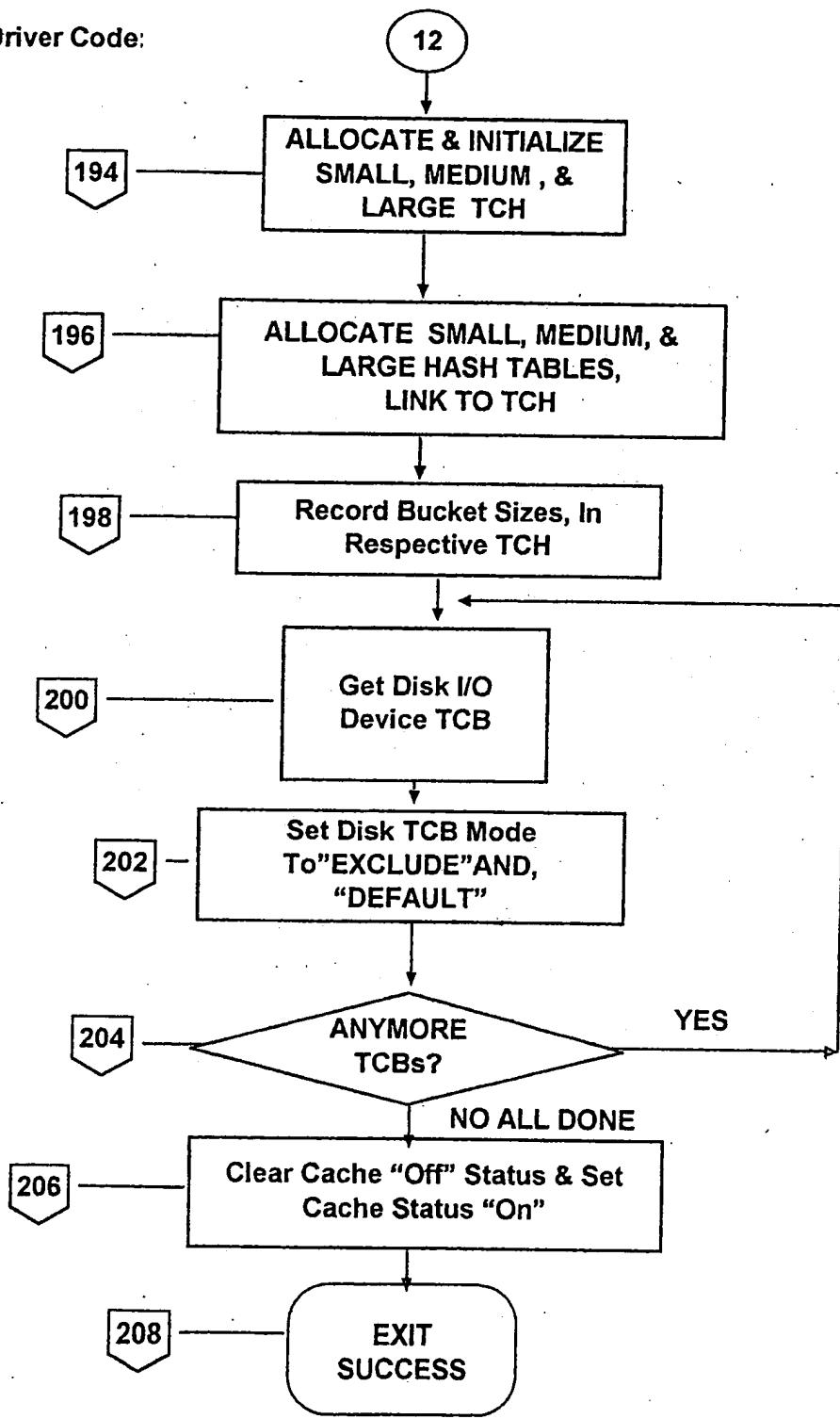
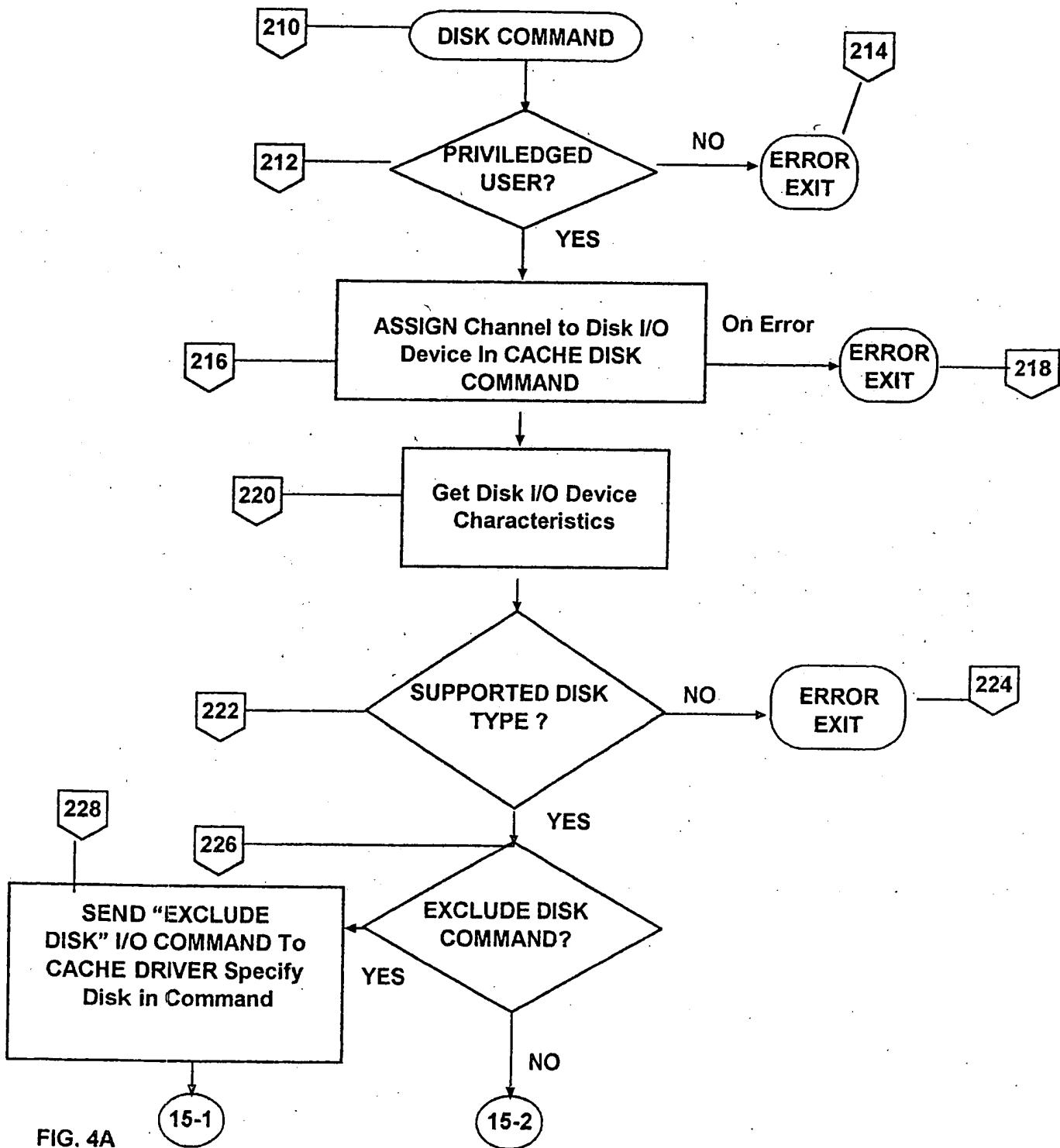


FIG. 3C



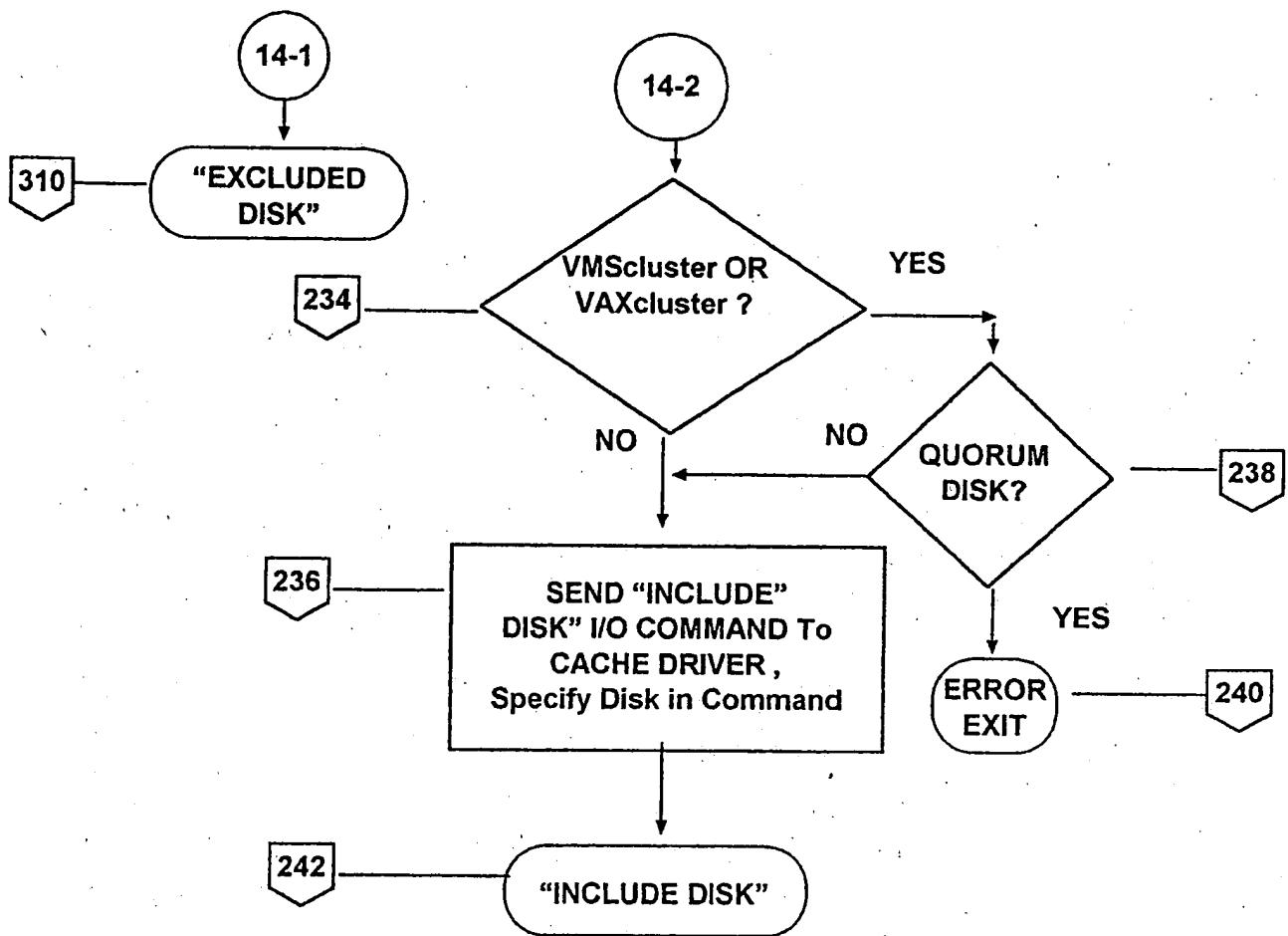


FIG. 4A-1

Cache Driver Code

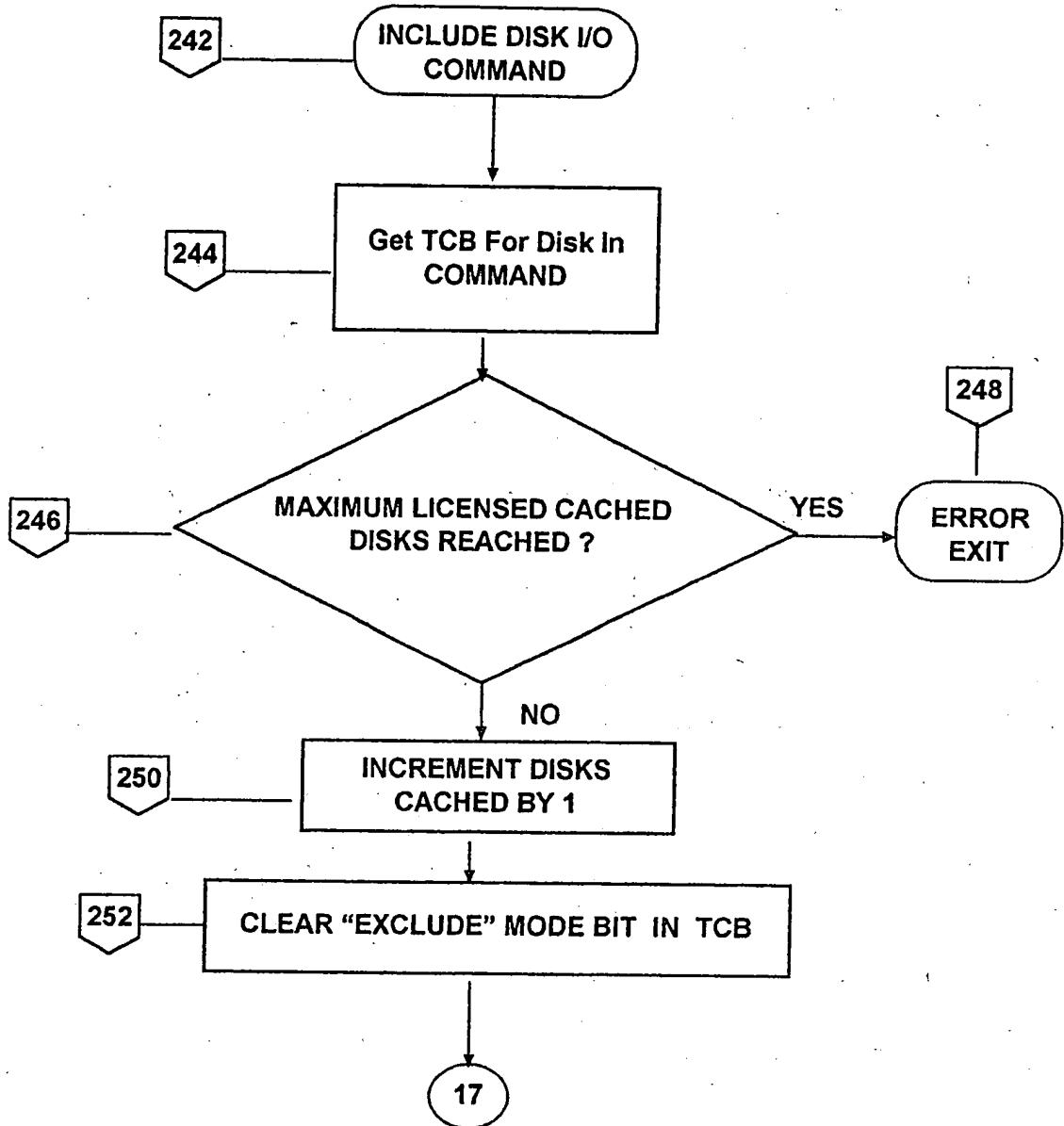


FIG. 4B

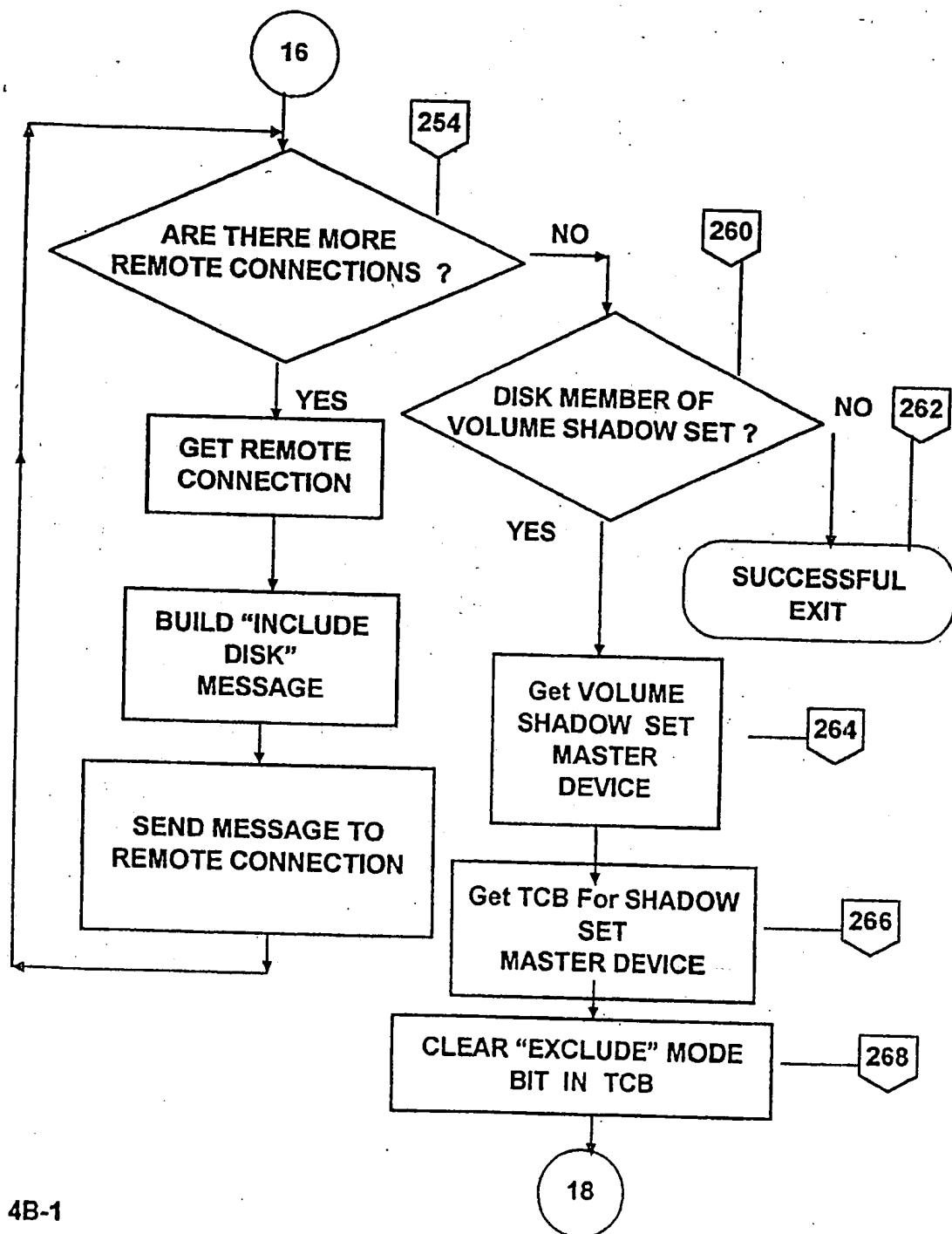


FIG. 4B-1

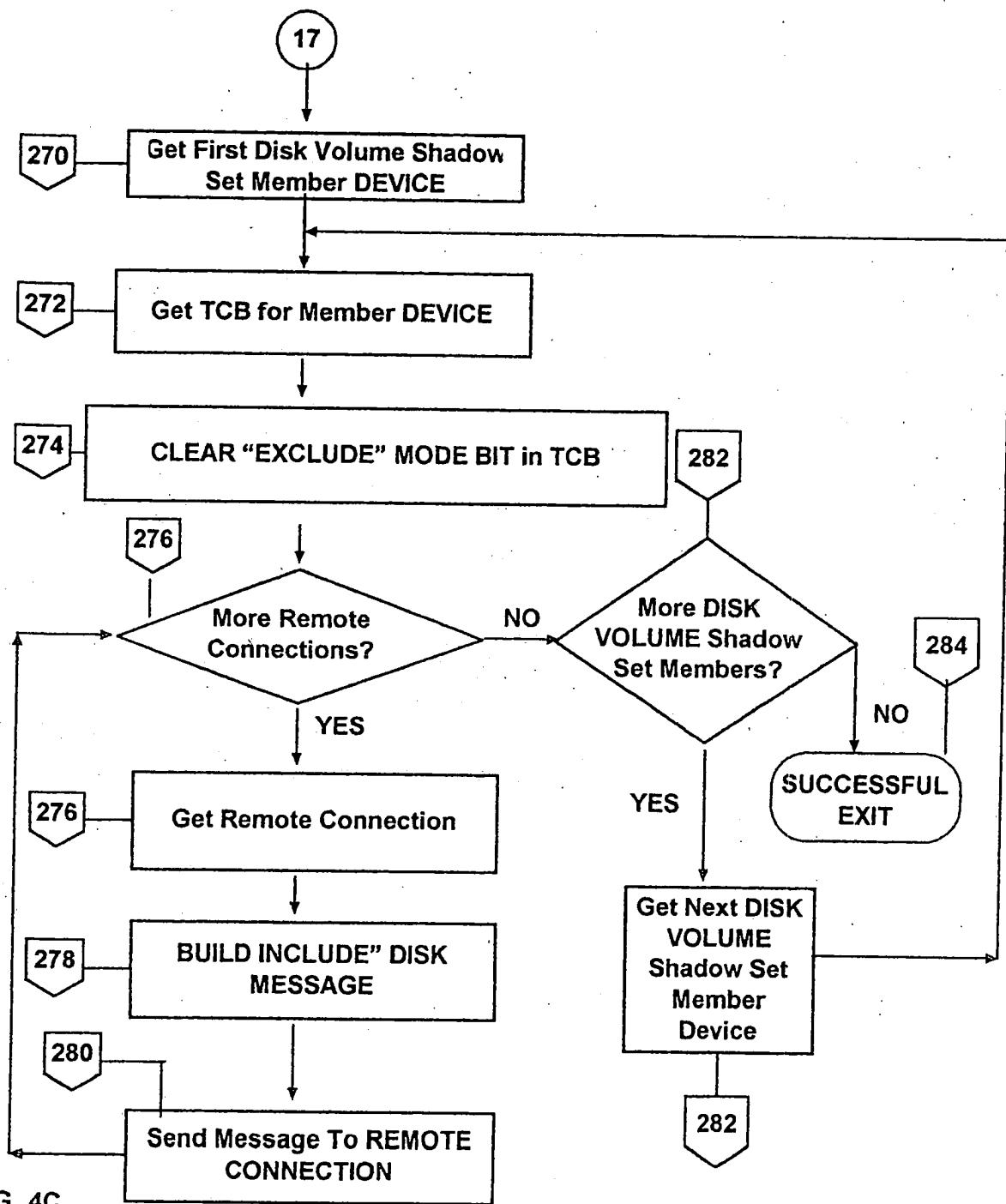


FIG. 4C

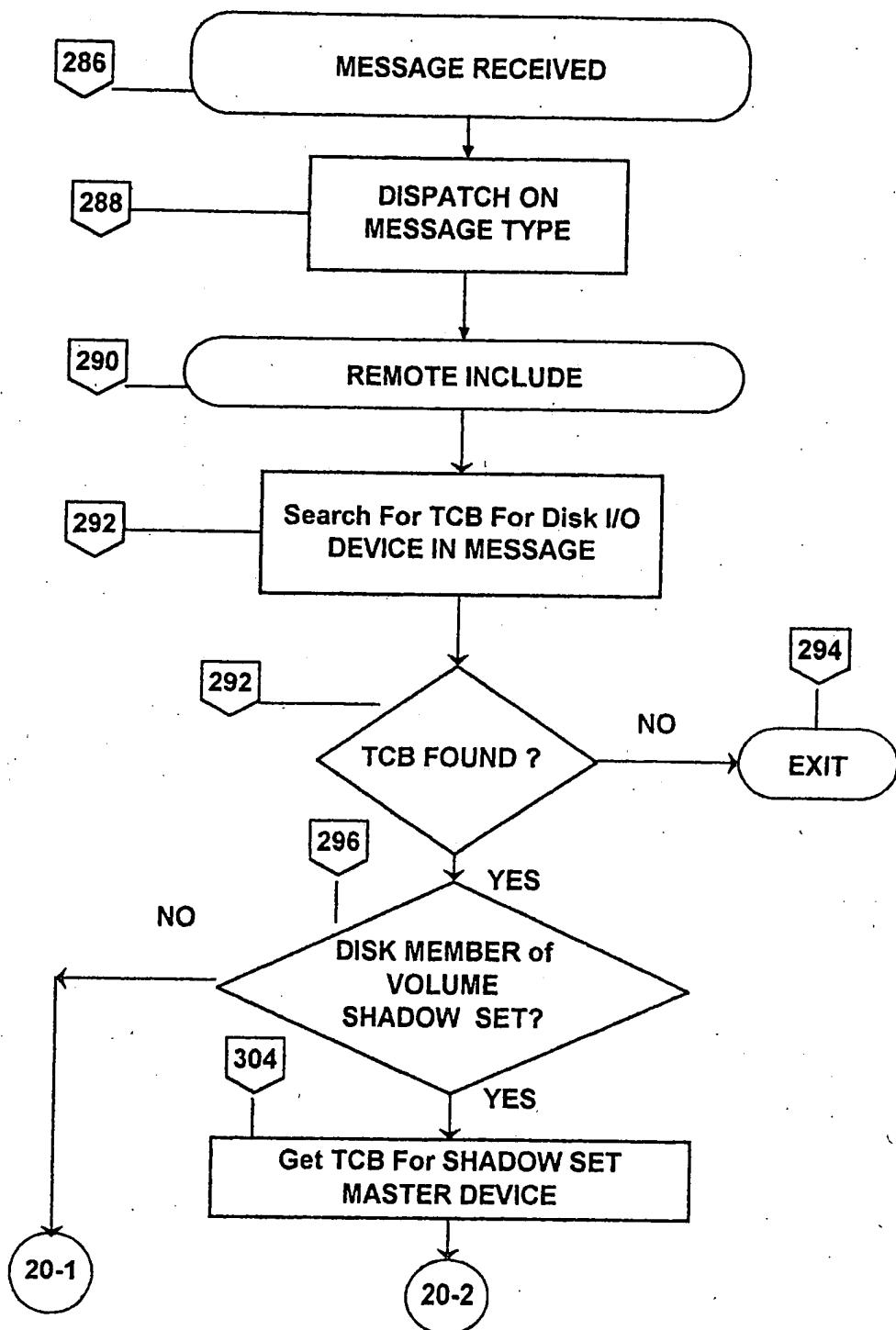


FIG. 4D

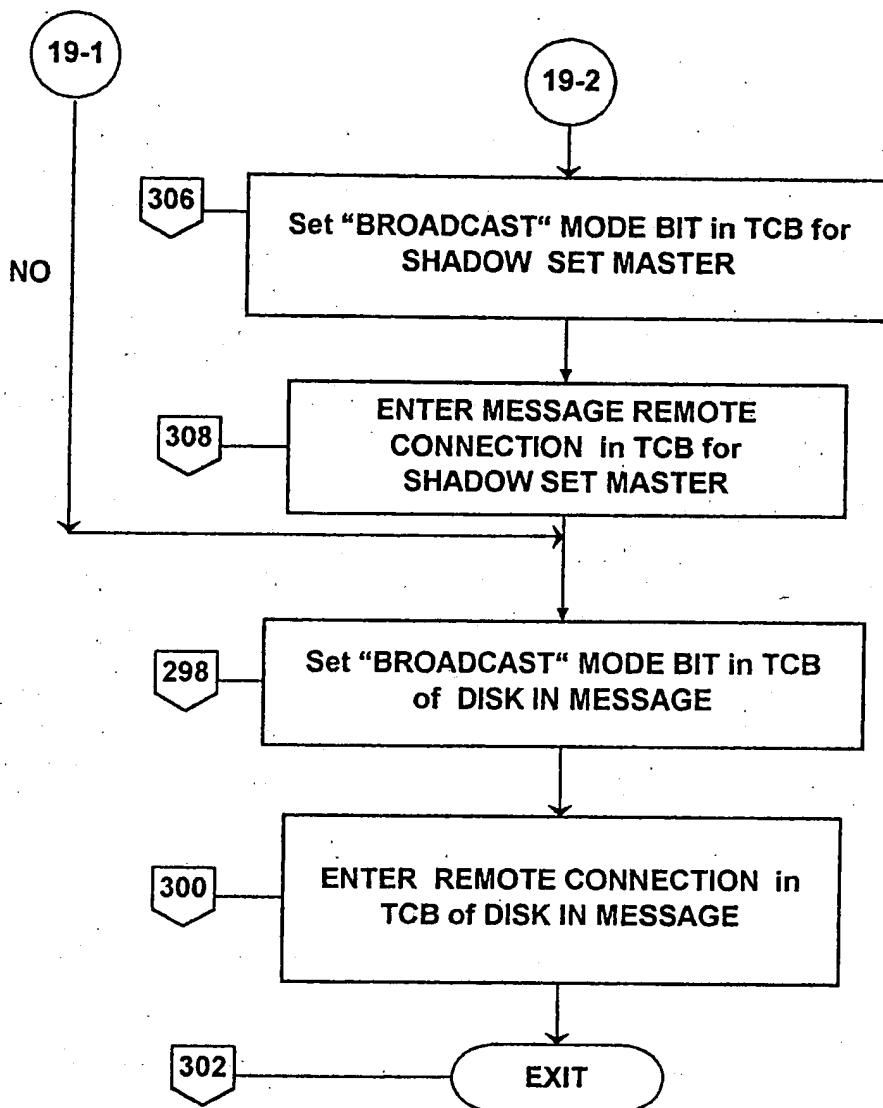


FIG. 4D - 1

CACHE DRIVER CODE:

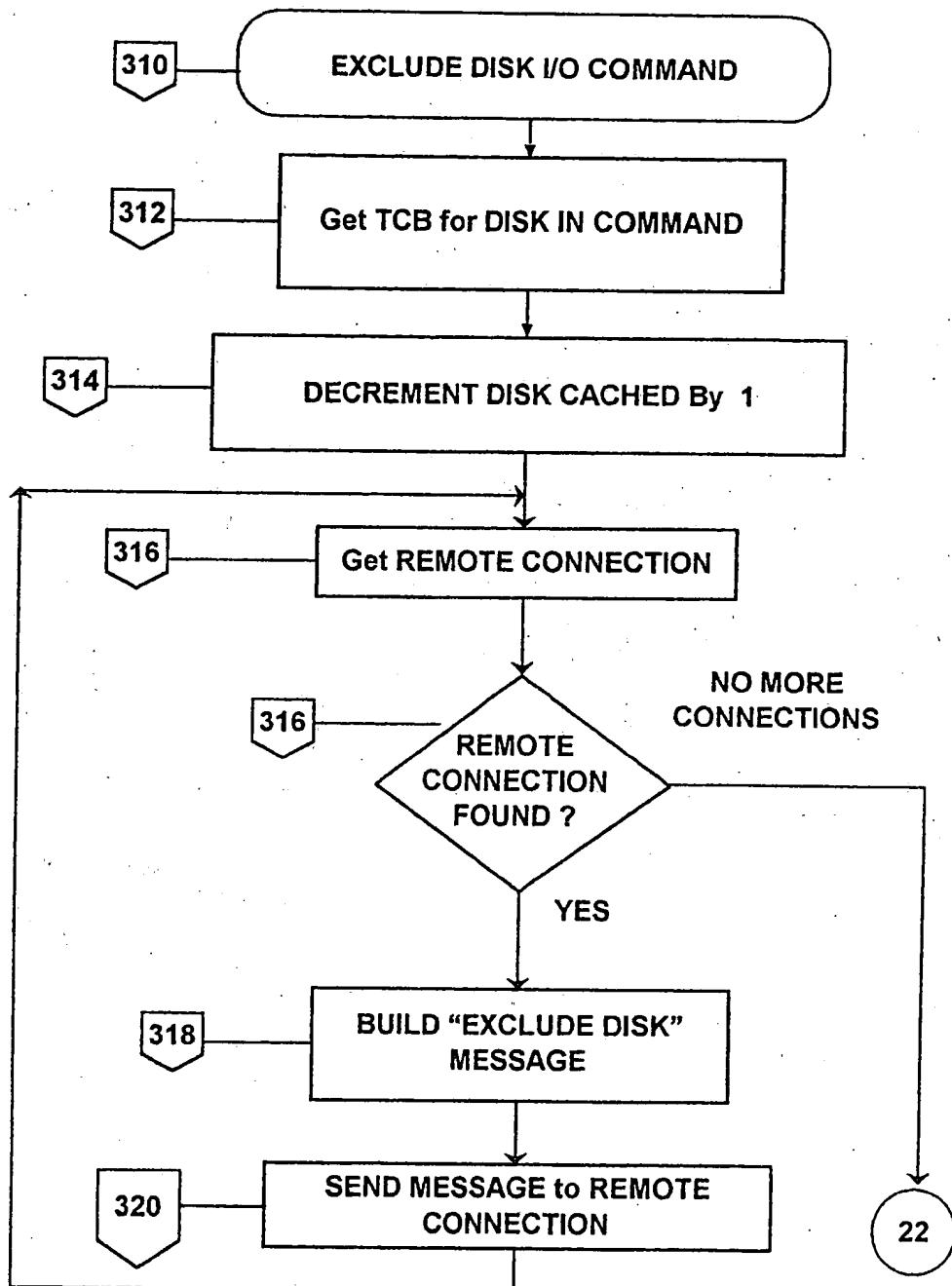


FIG. 4E

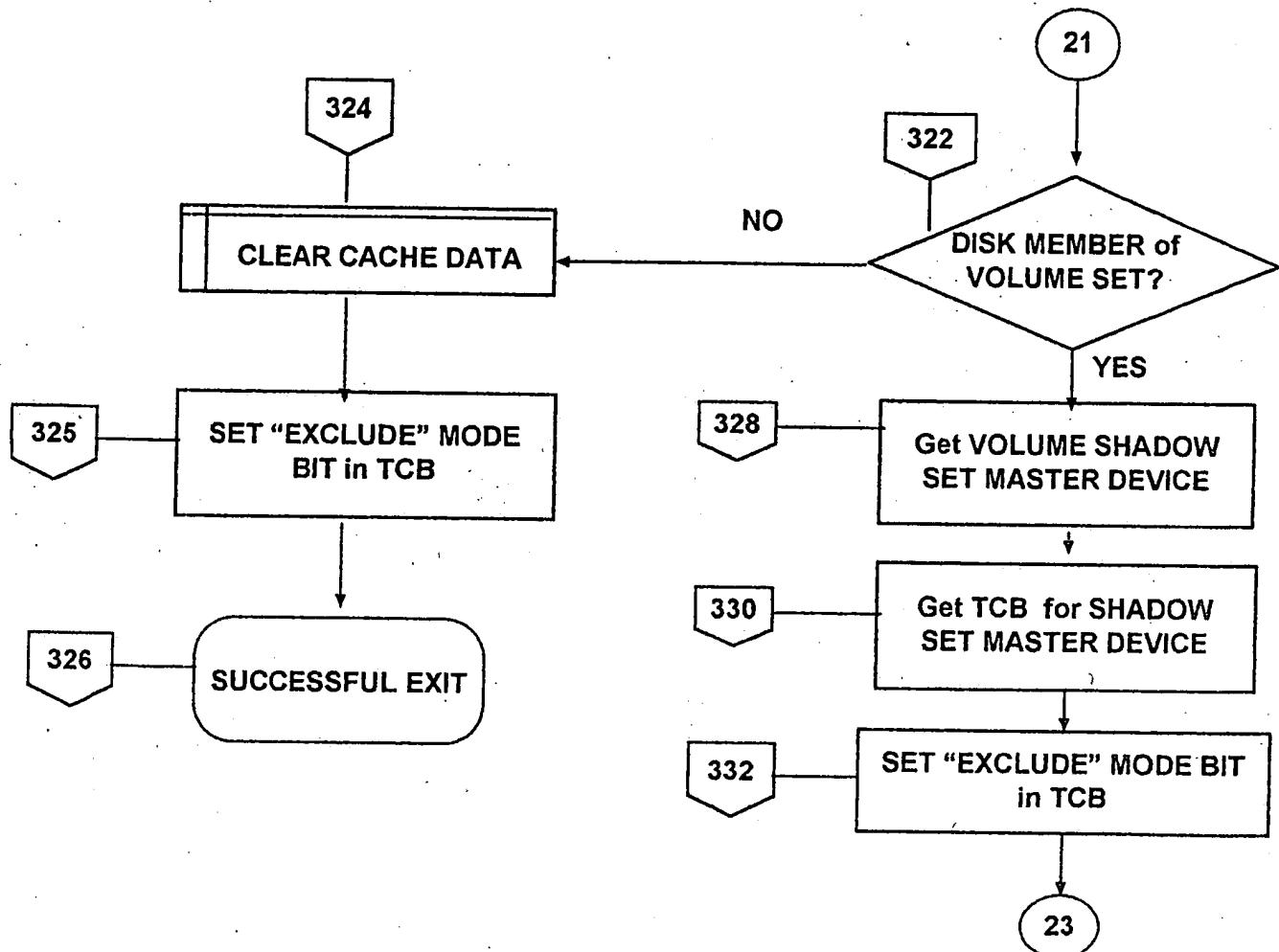


FIG. 4E-1

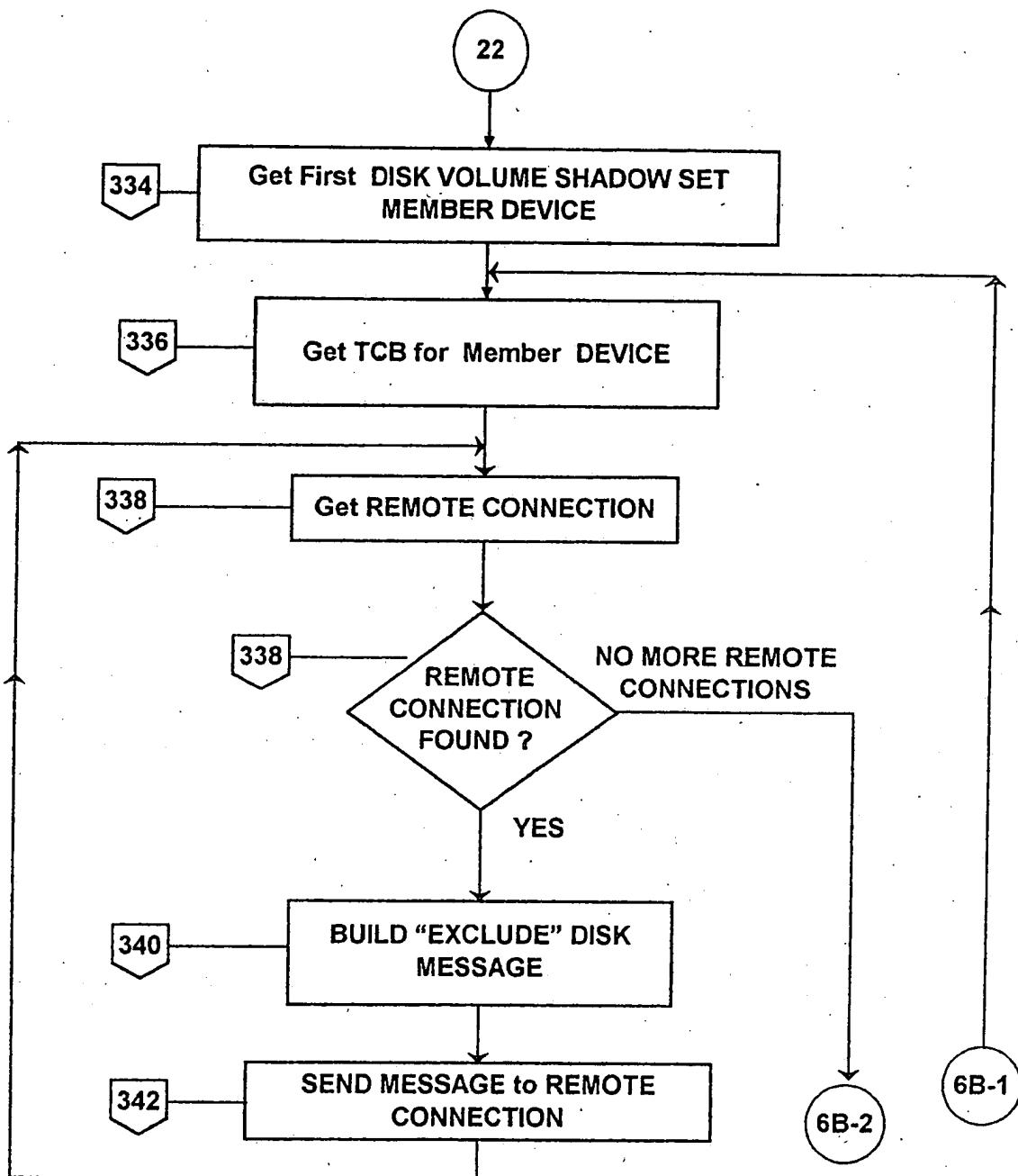


FIG. 4F

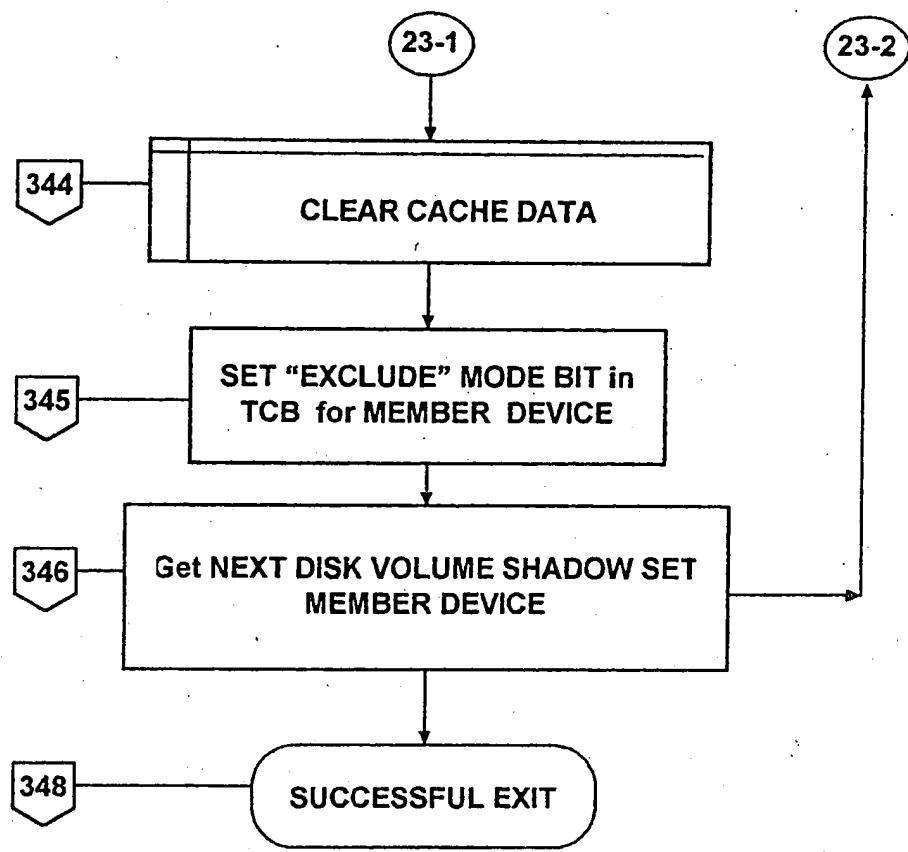


FIG. 4F-1

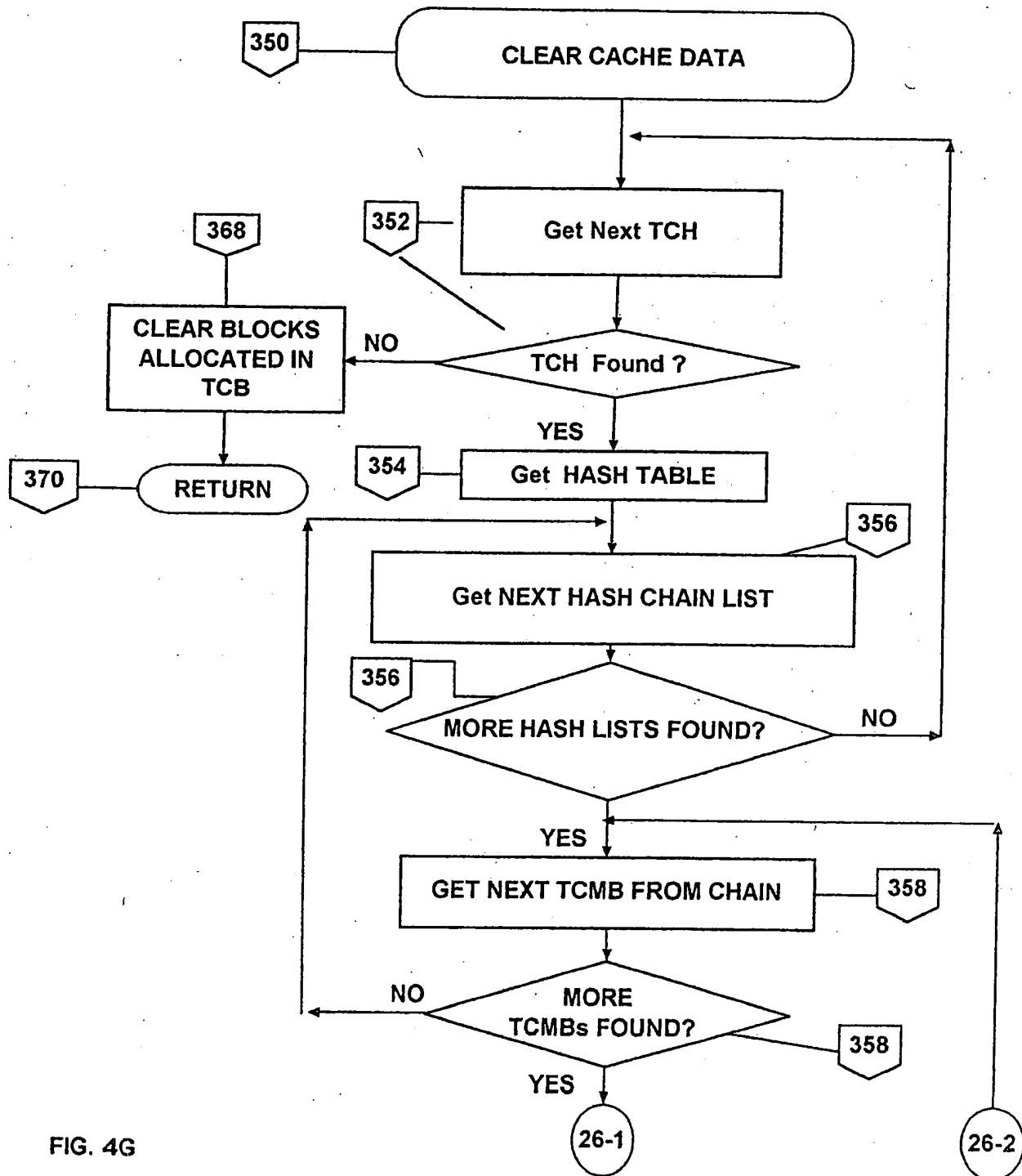


FIG. 4G

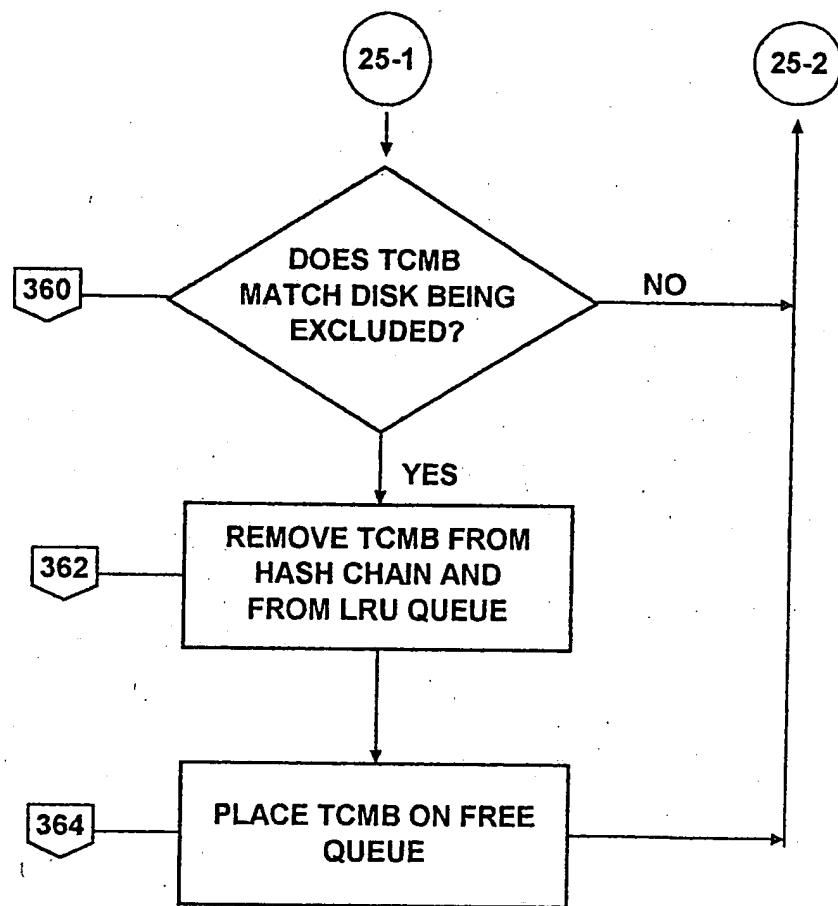


FIG. 4G-1

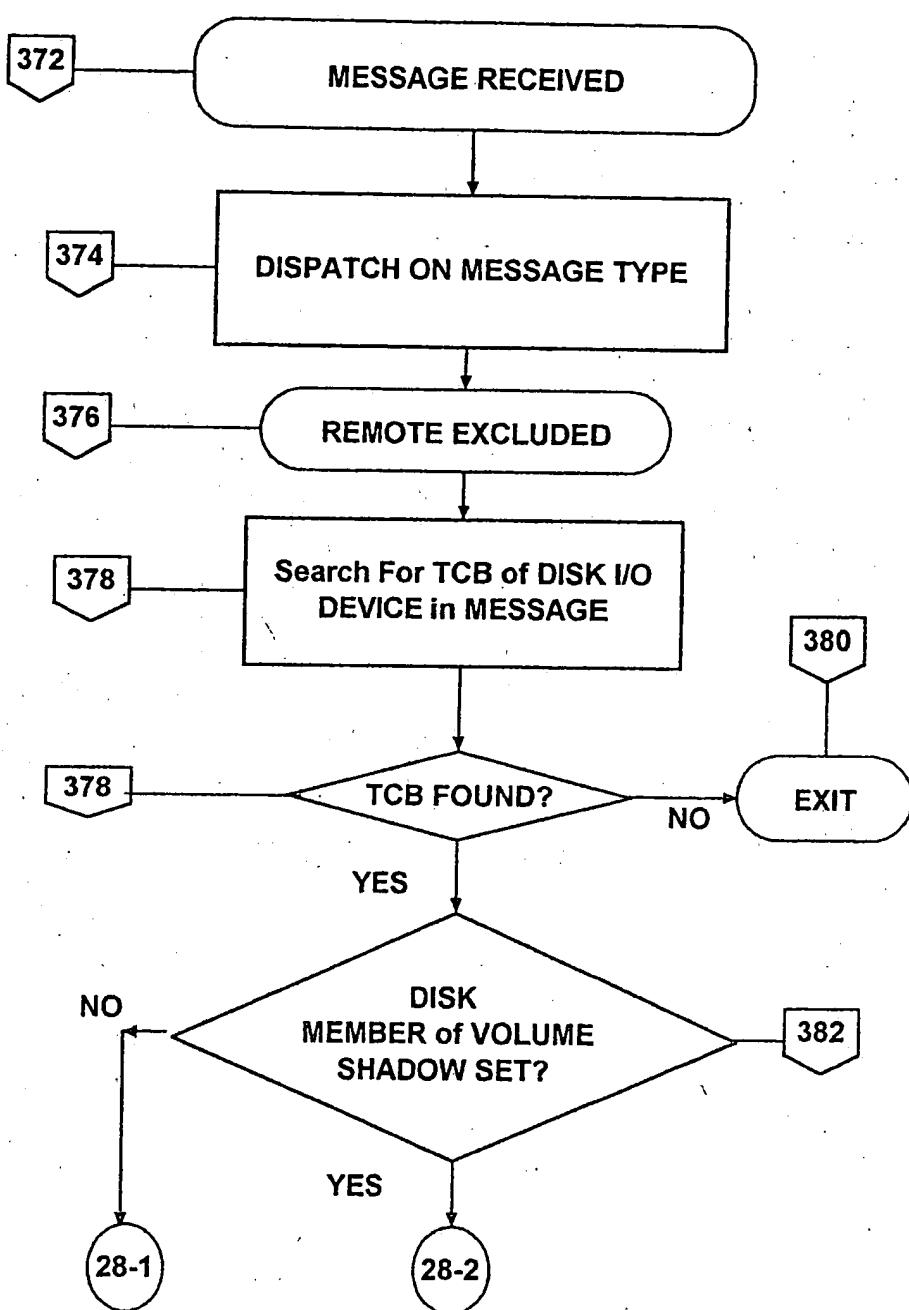


FIG. 4H

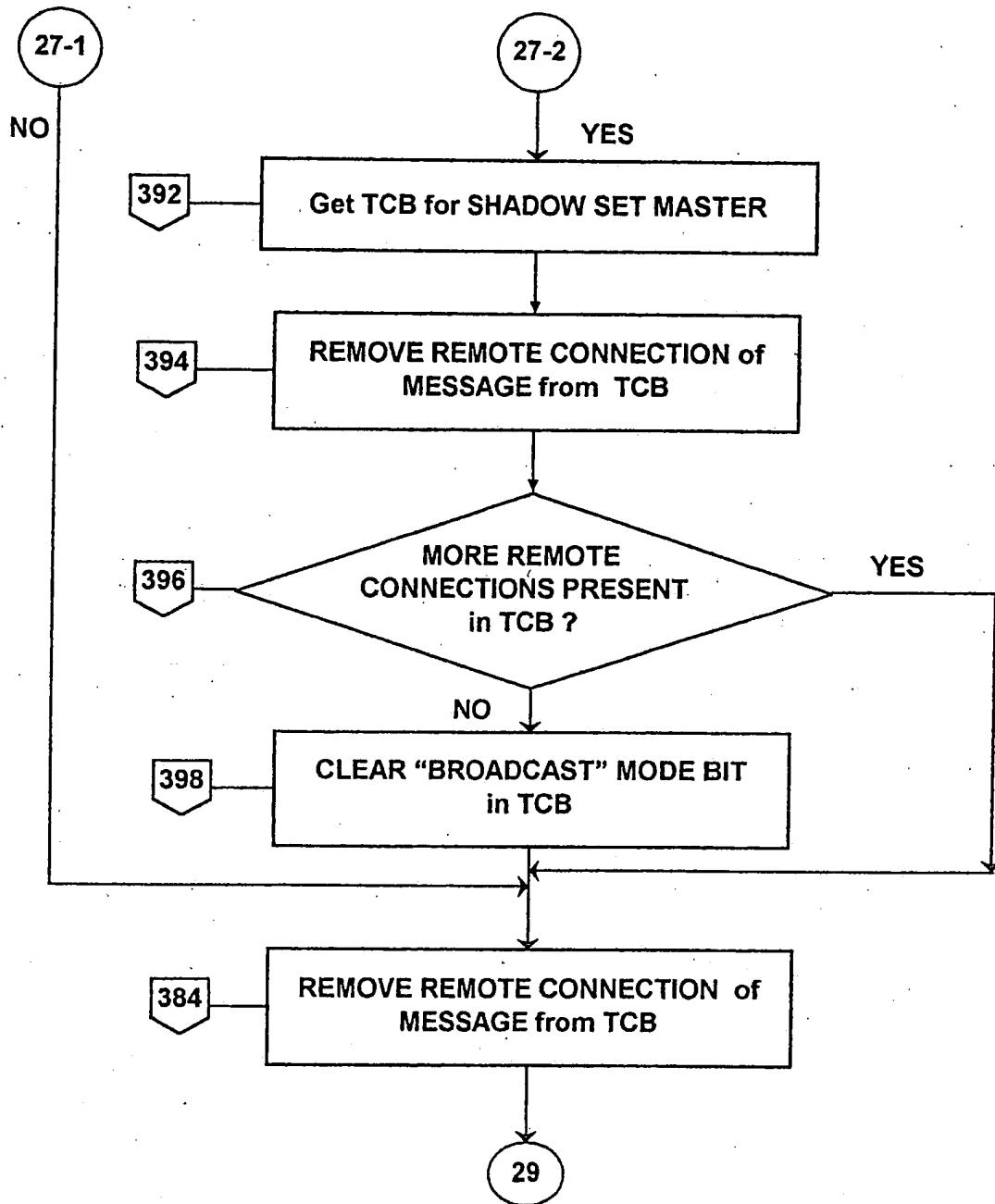


FIG. 4H-1

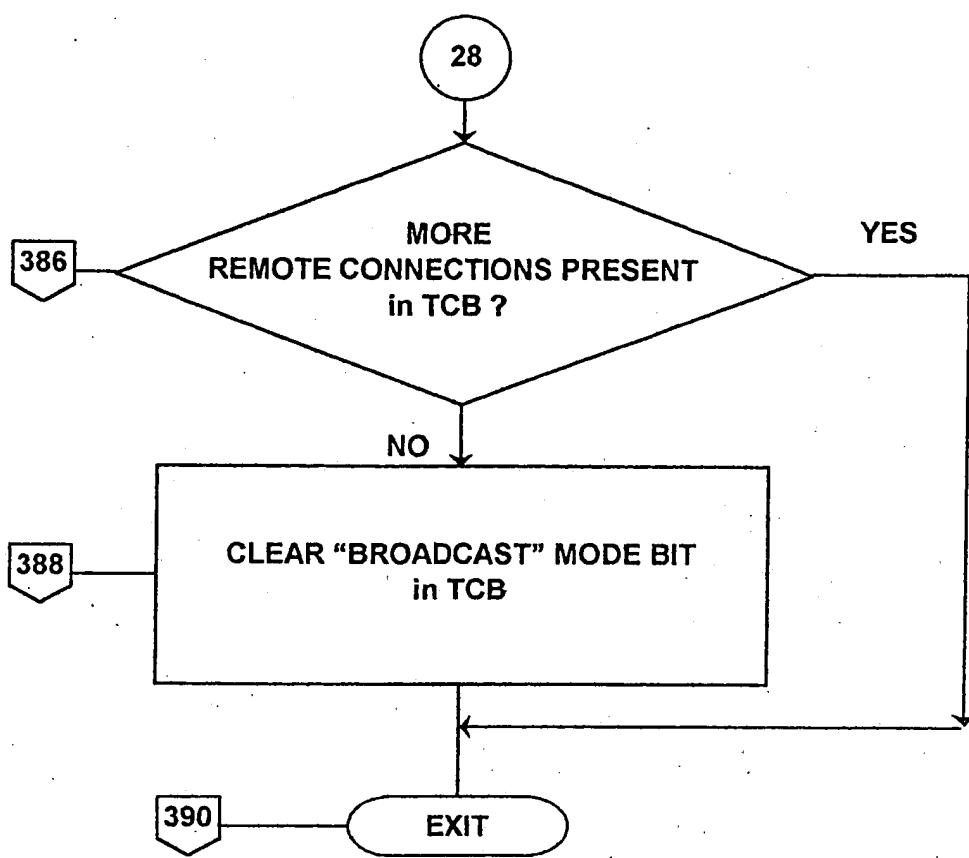


FIG. 4H-2

**Cache Driver Code:
(Intercepted Disk I/O)**

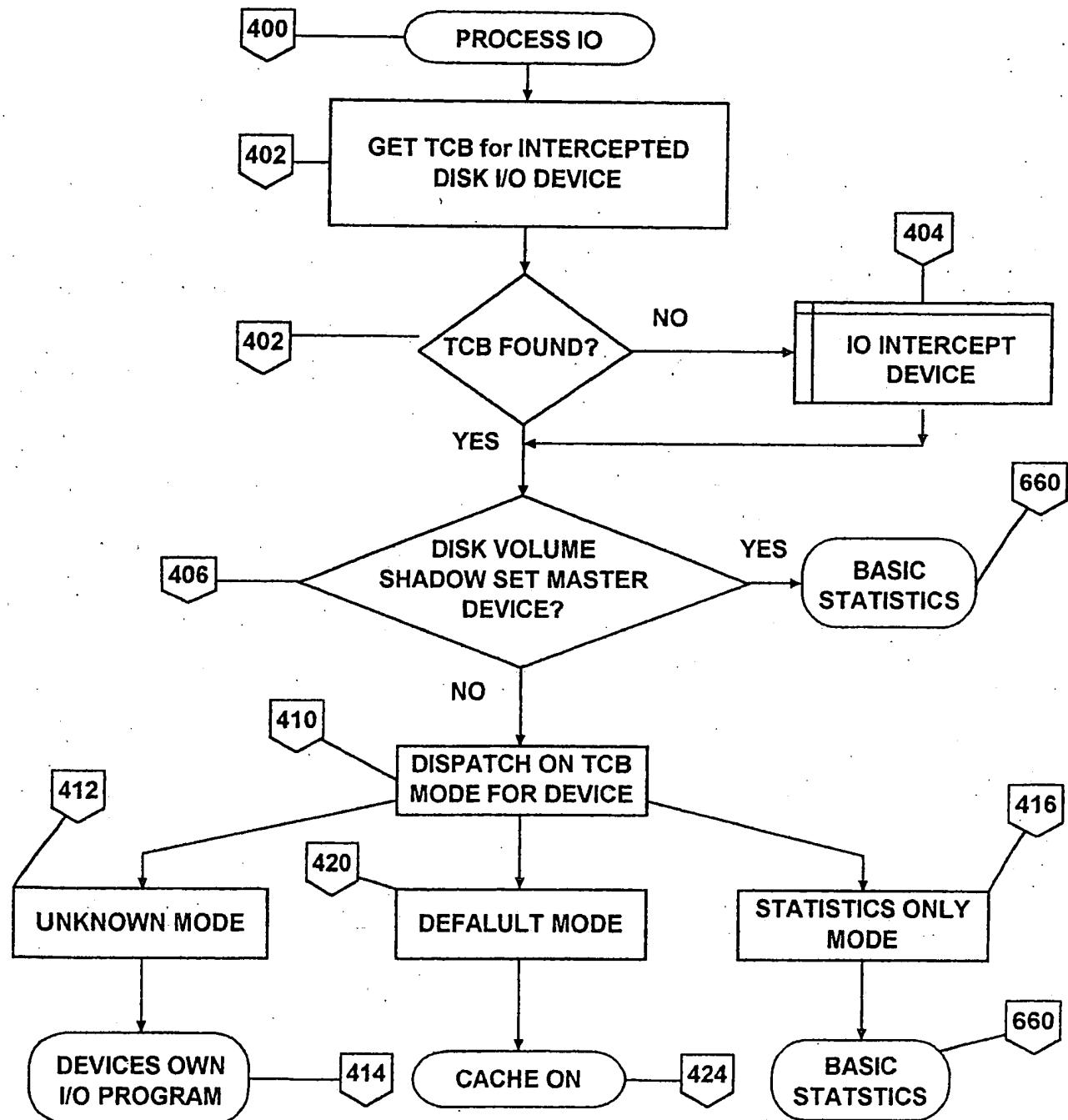


FIG. 5A

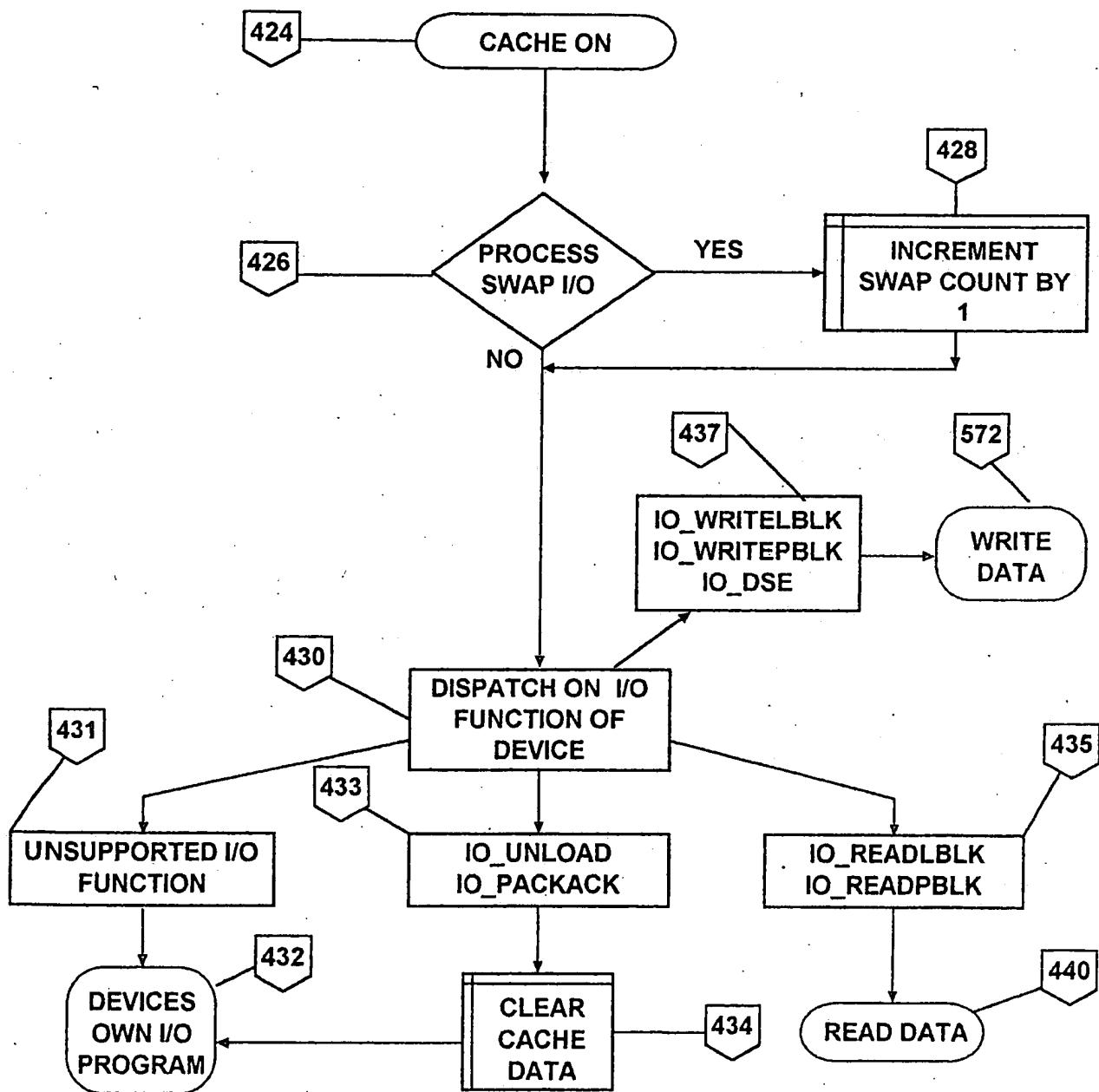


FIG. 5B

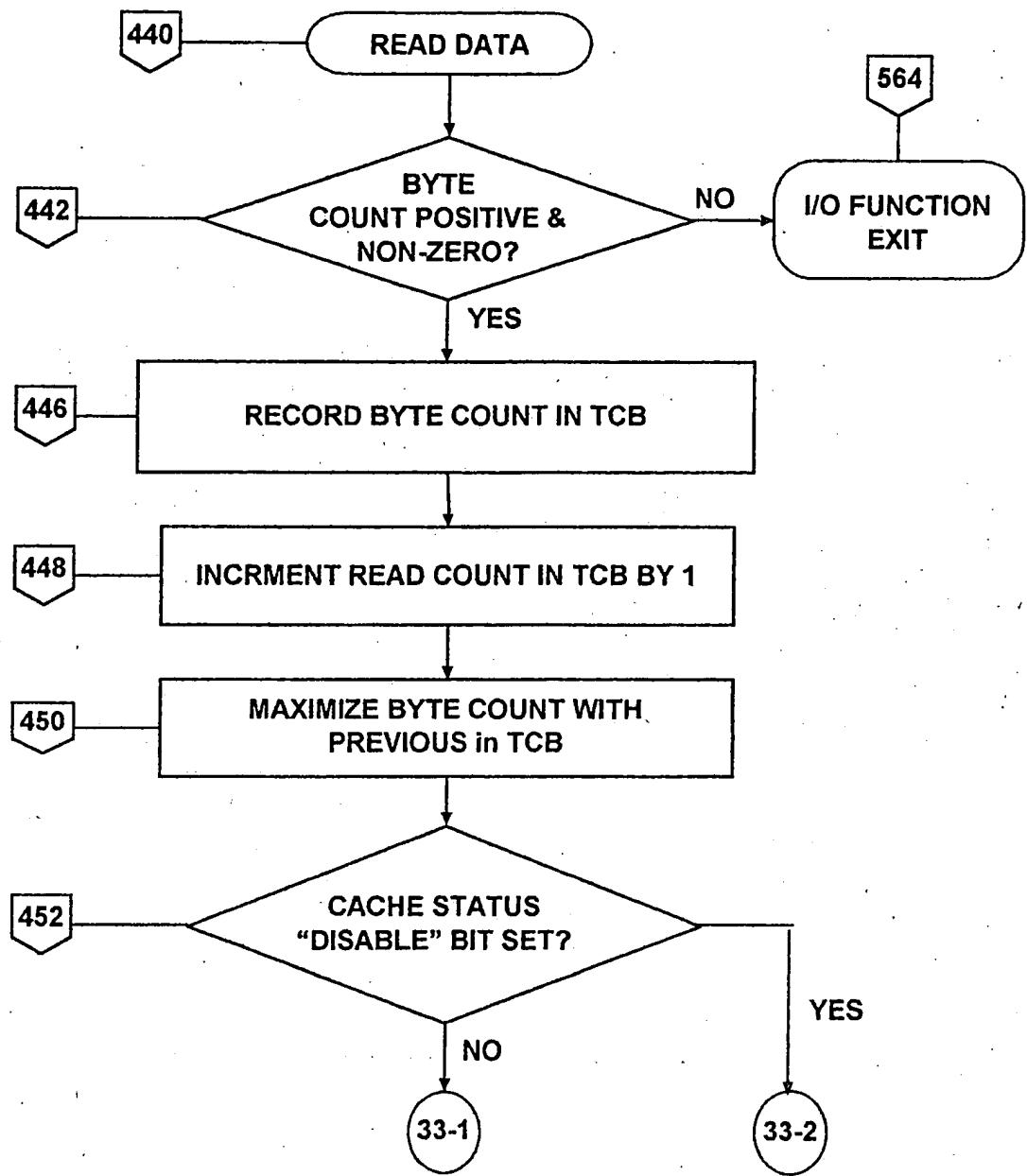


FIG. 5C

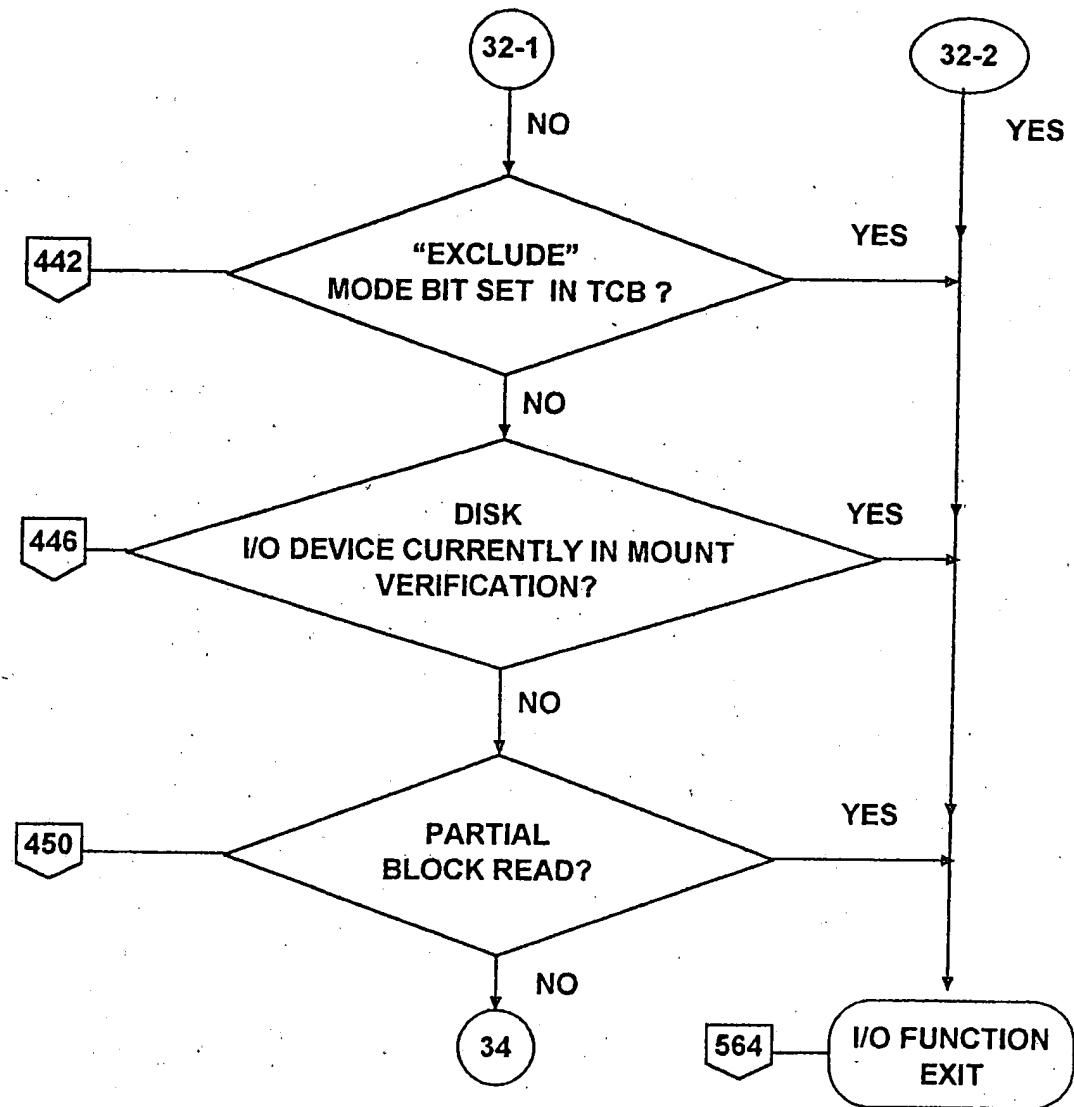


FIG. 5C-1

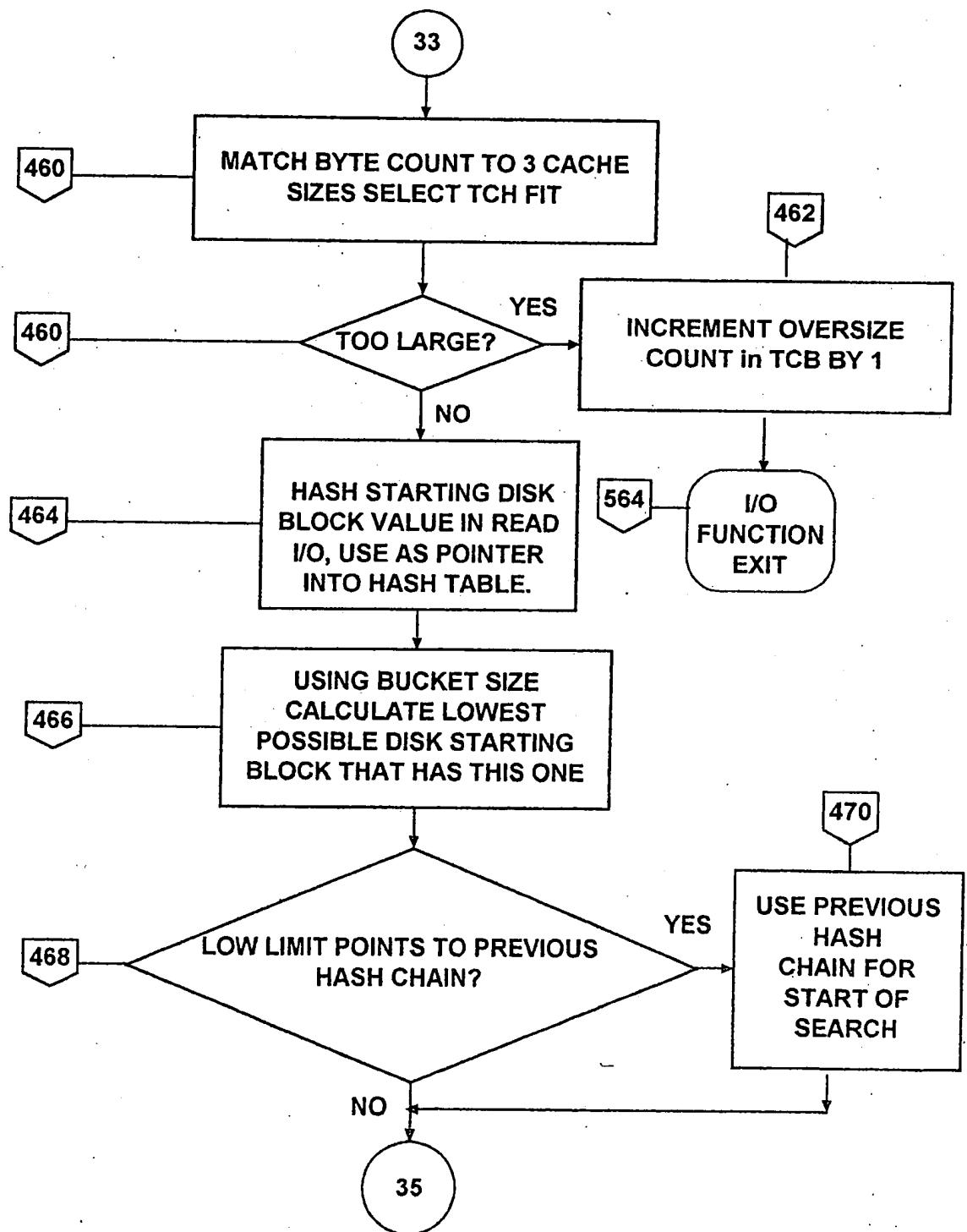


FIG. 5D

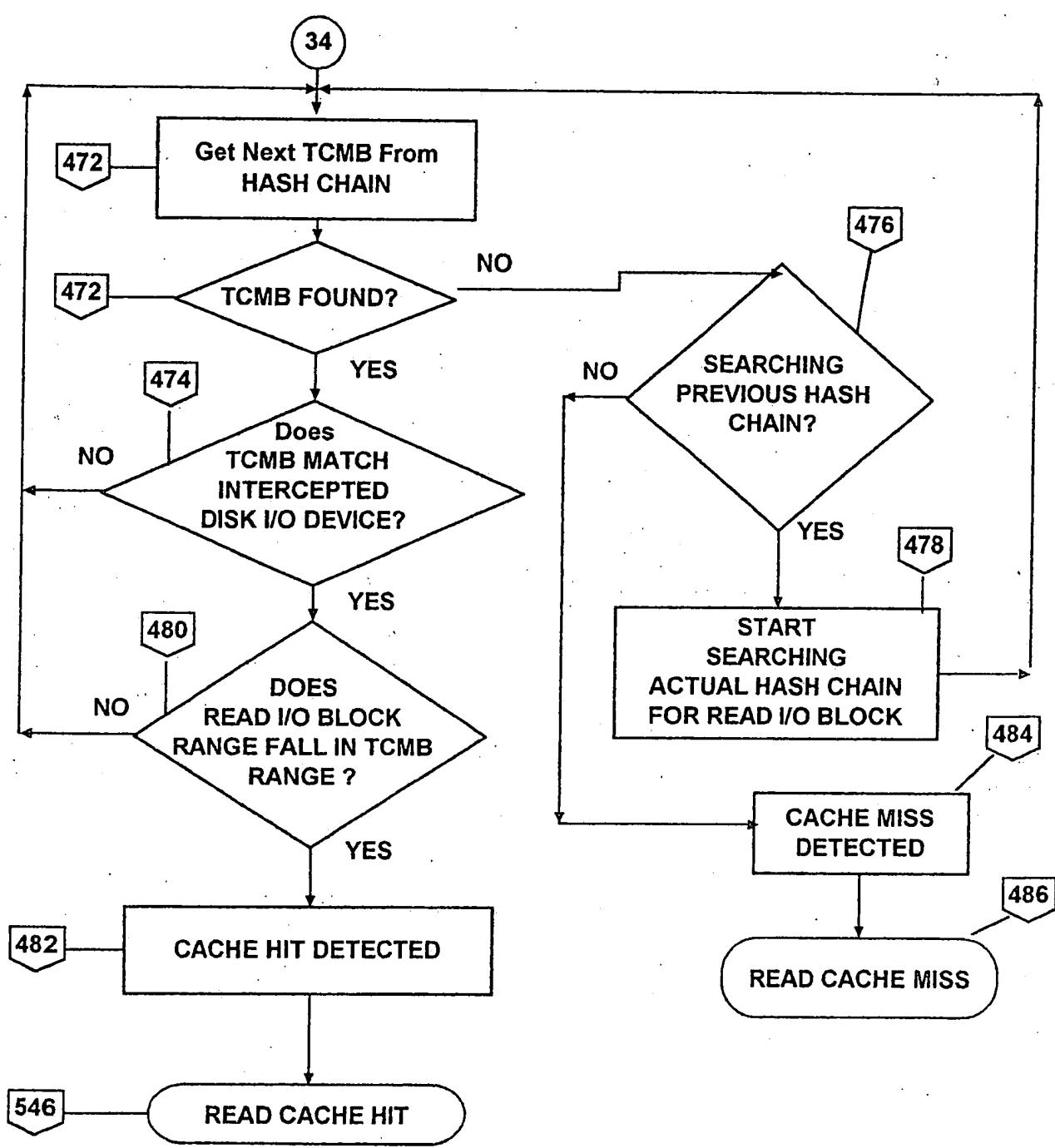


FIG. 5E

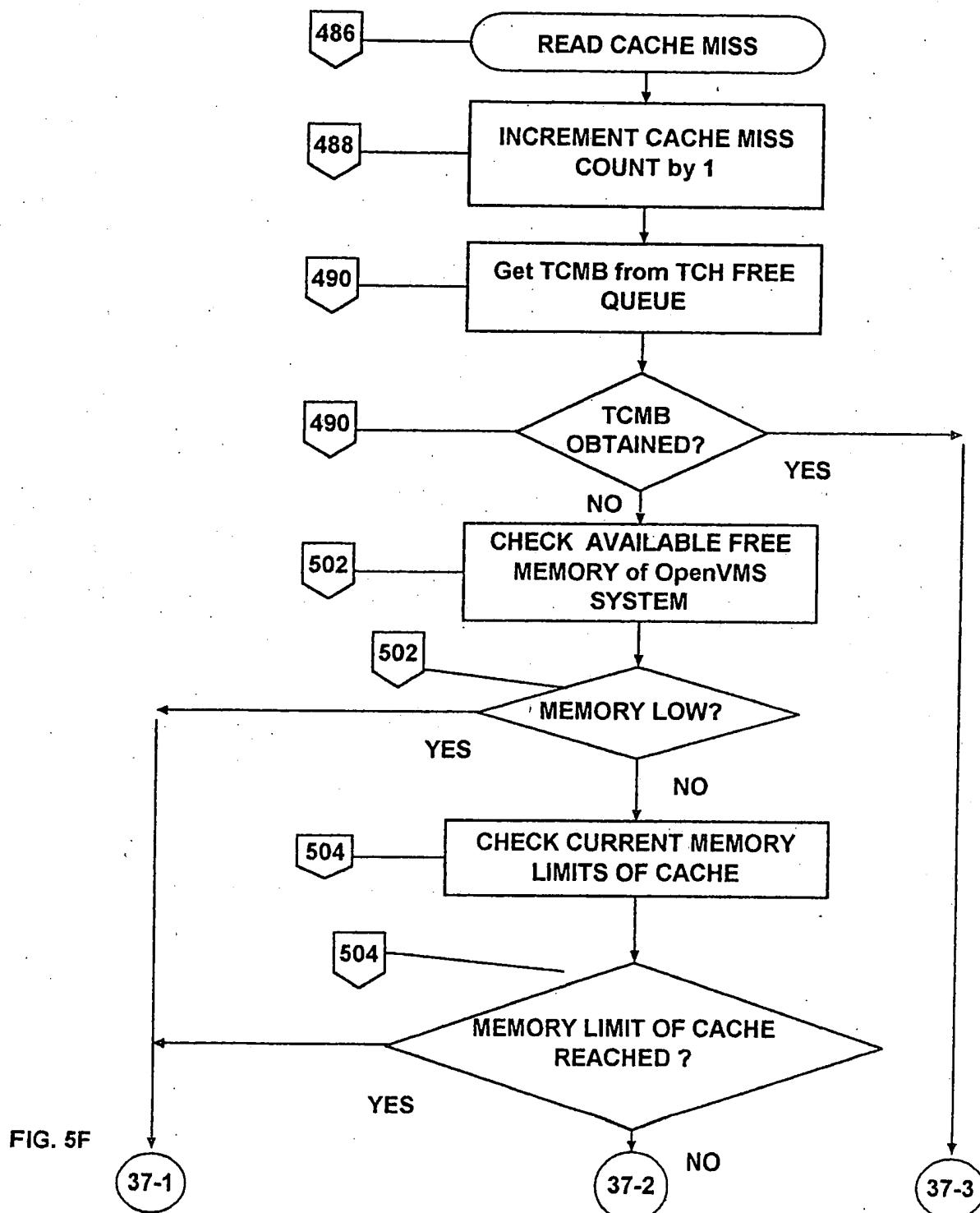
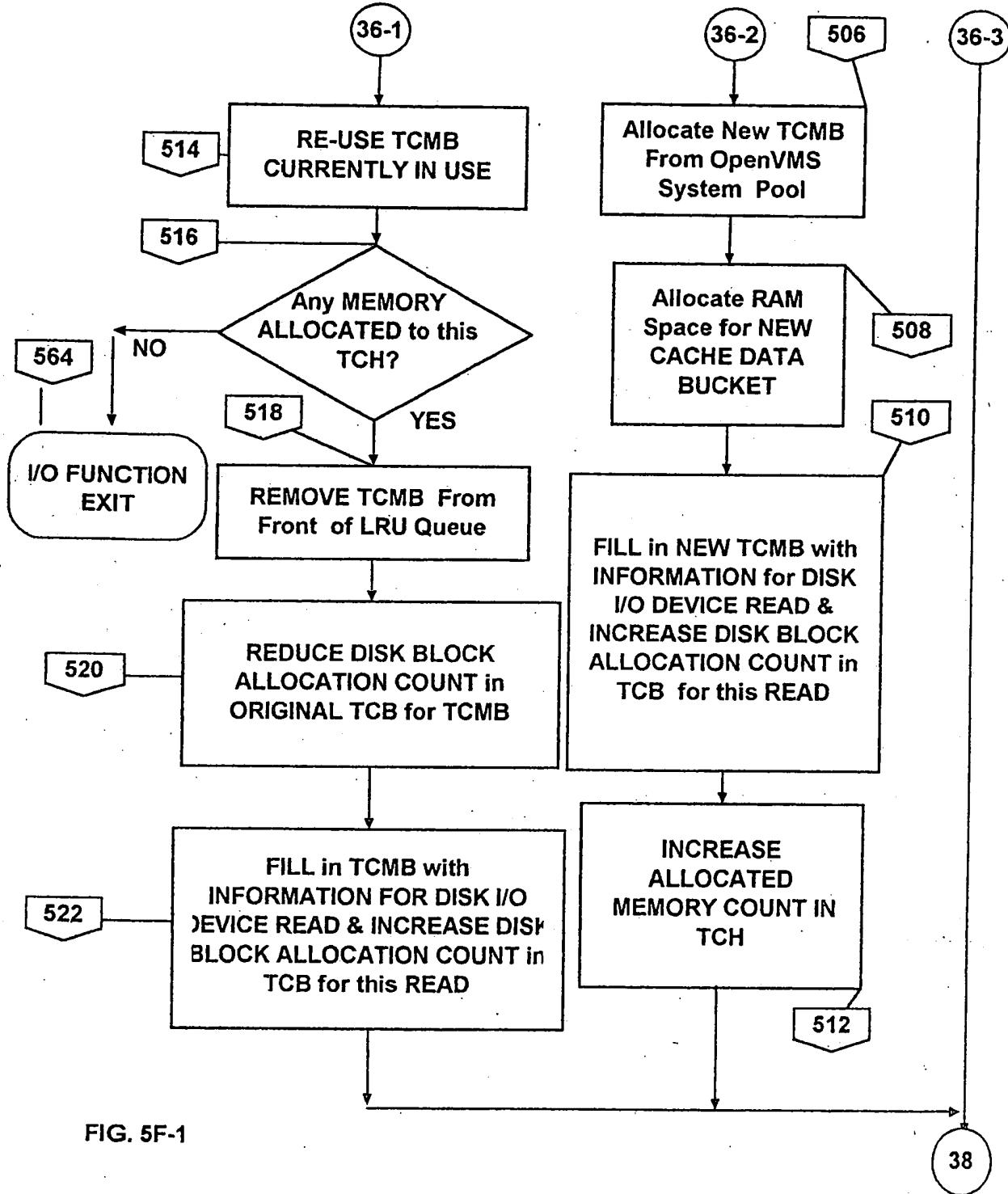


FIG. 5F



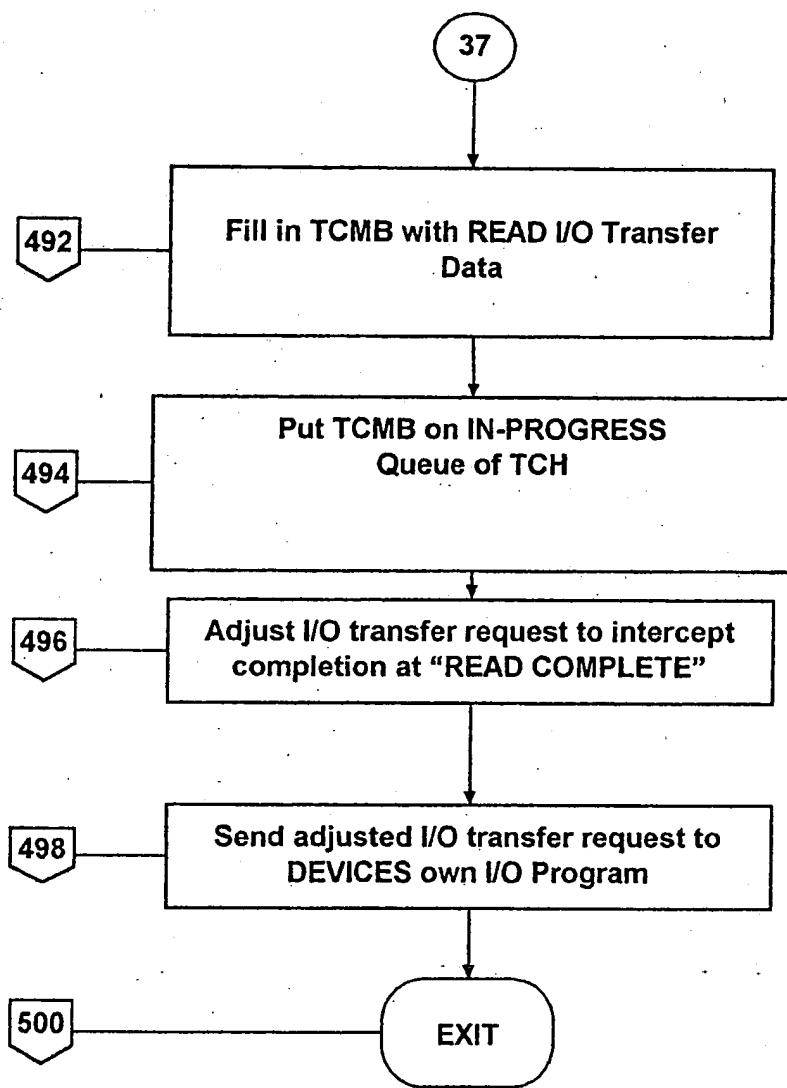


FIG. 5G

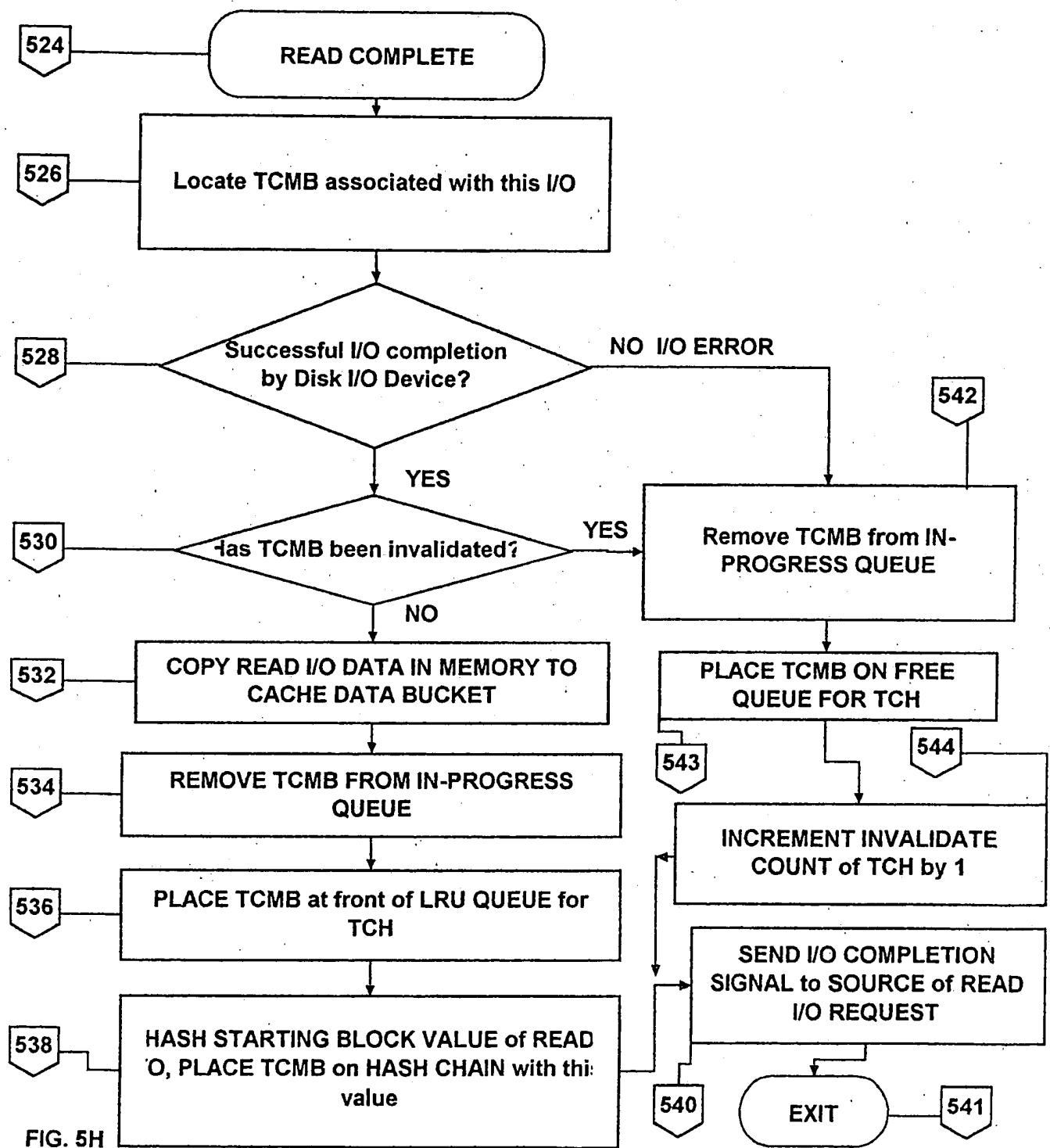


FIG. 5H

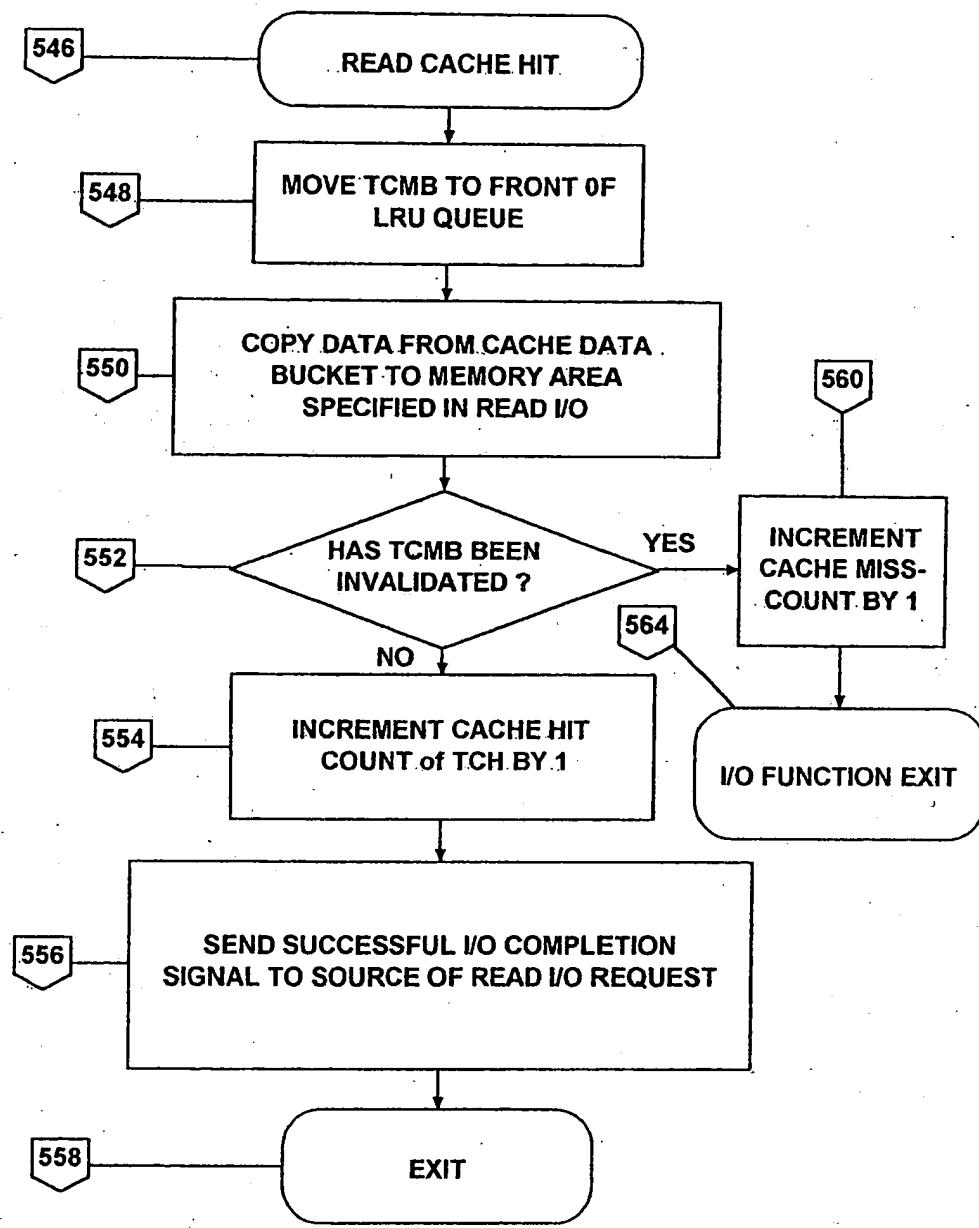


FIG. 51

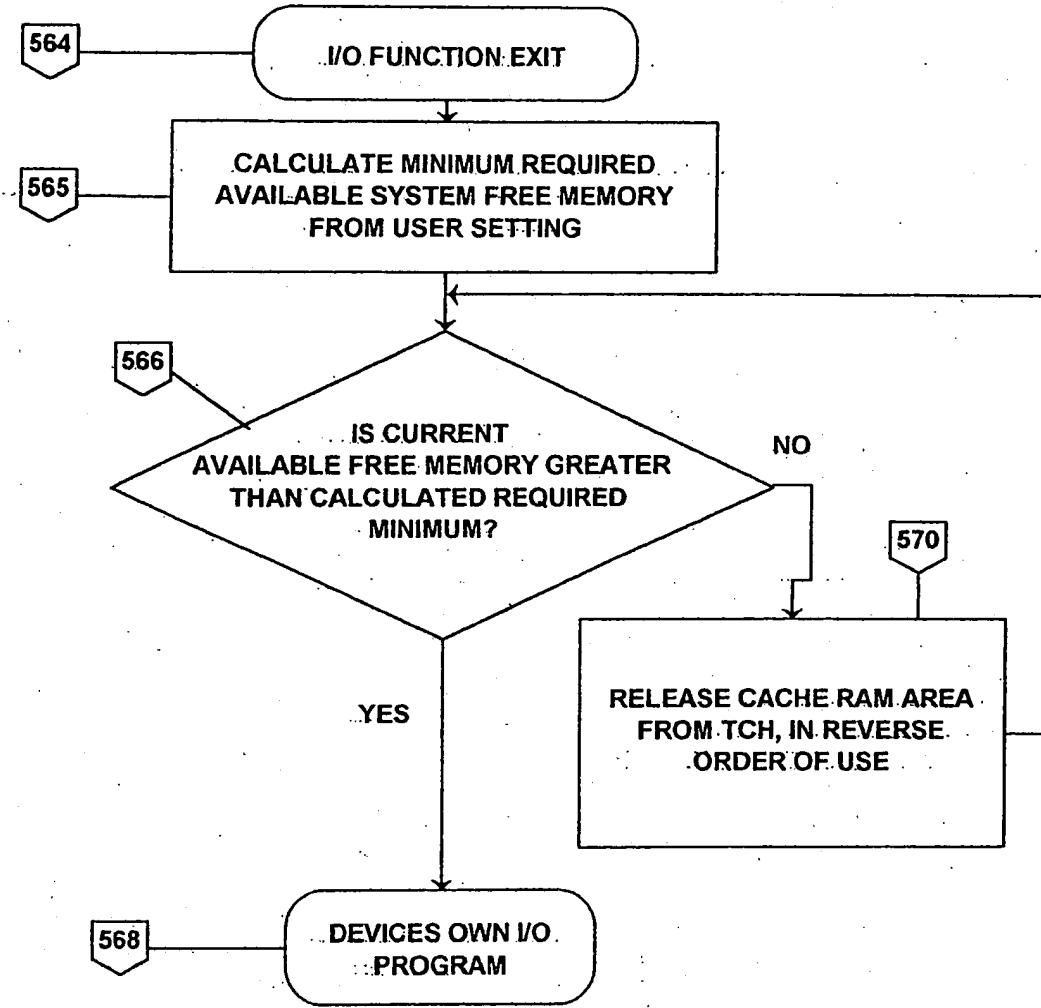
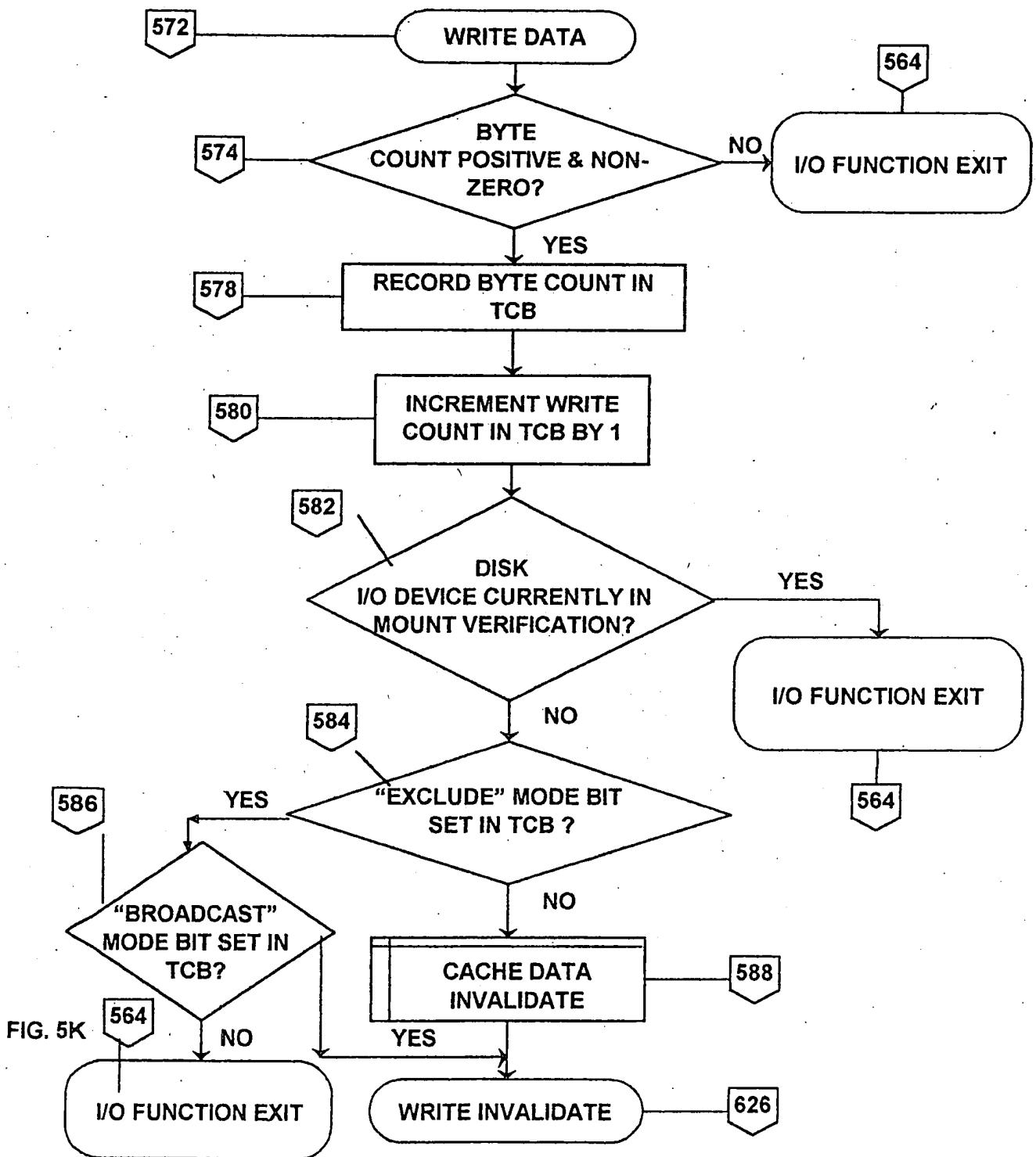


FIG. 5J



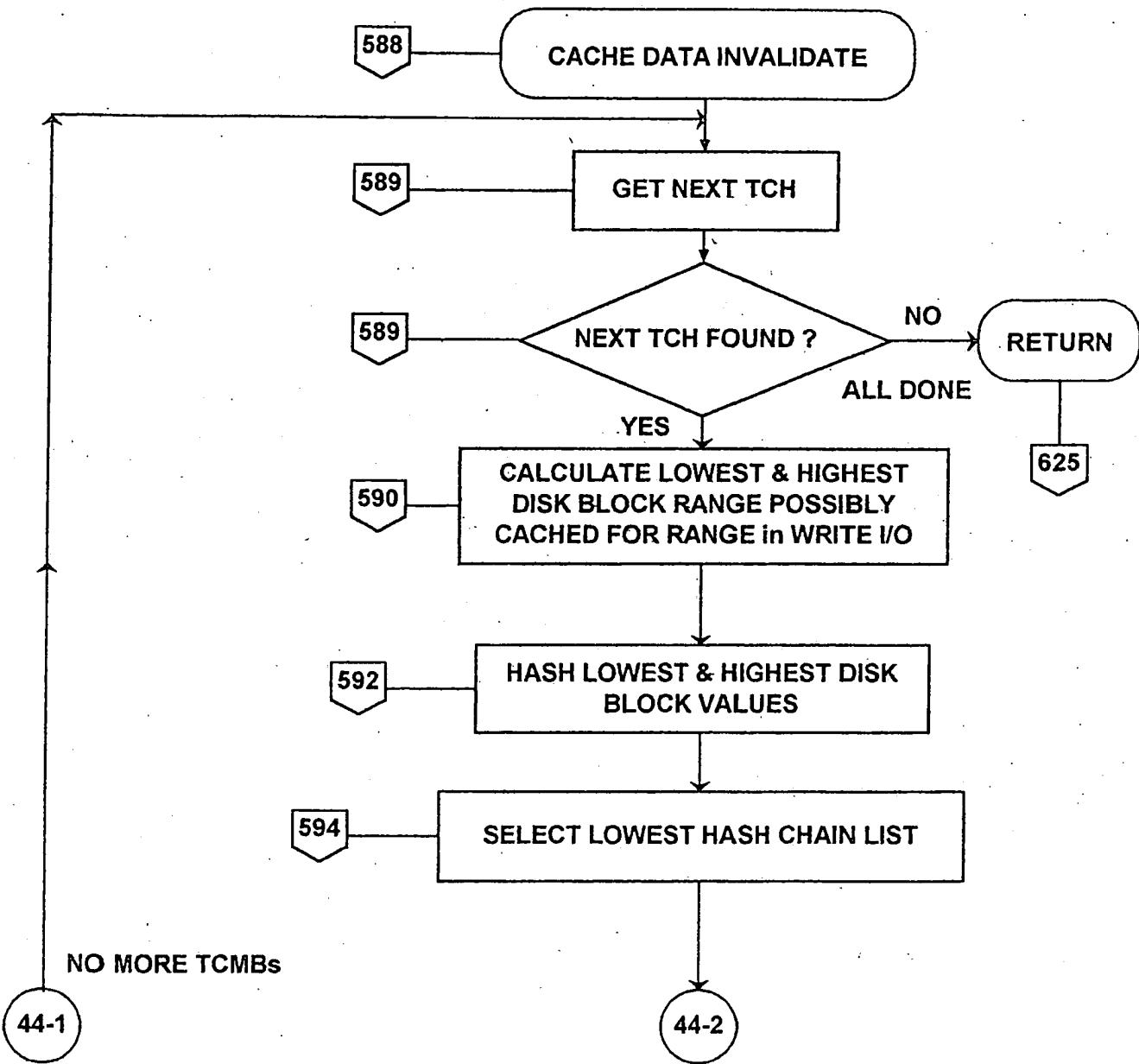


FIG. 5L

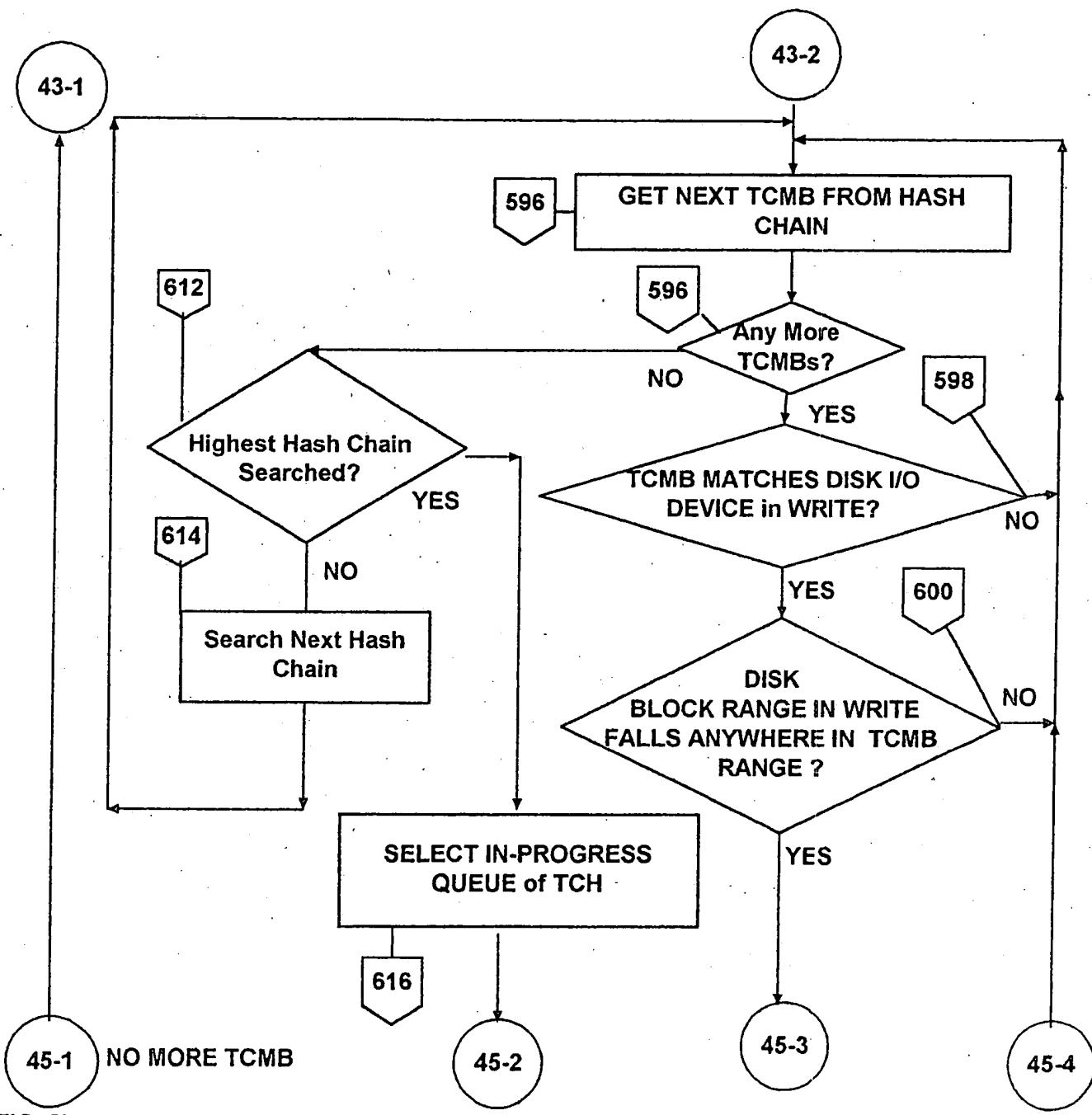


FIG. 5L-1

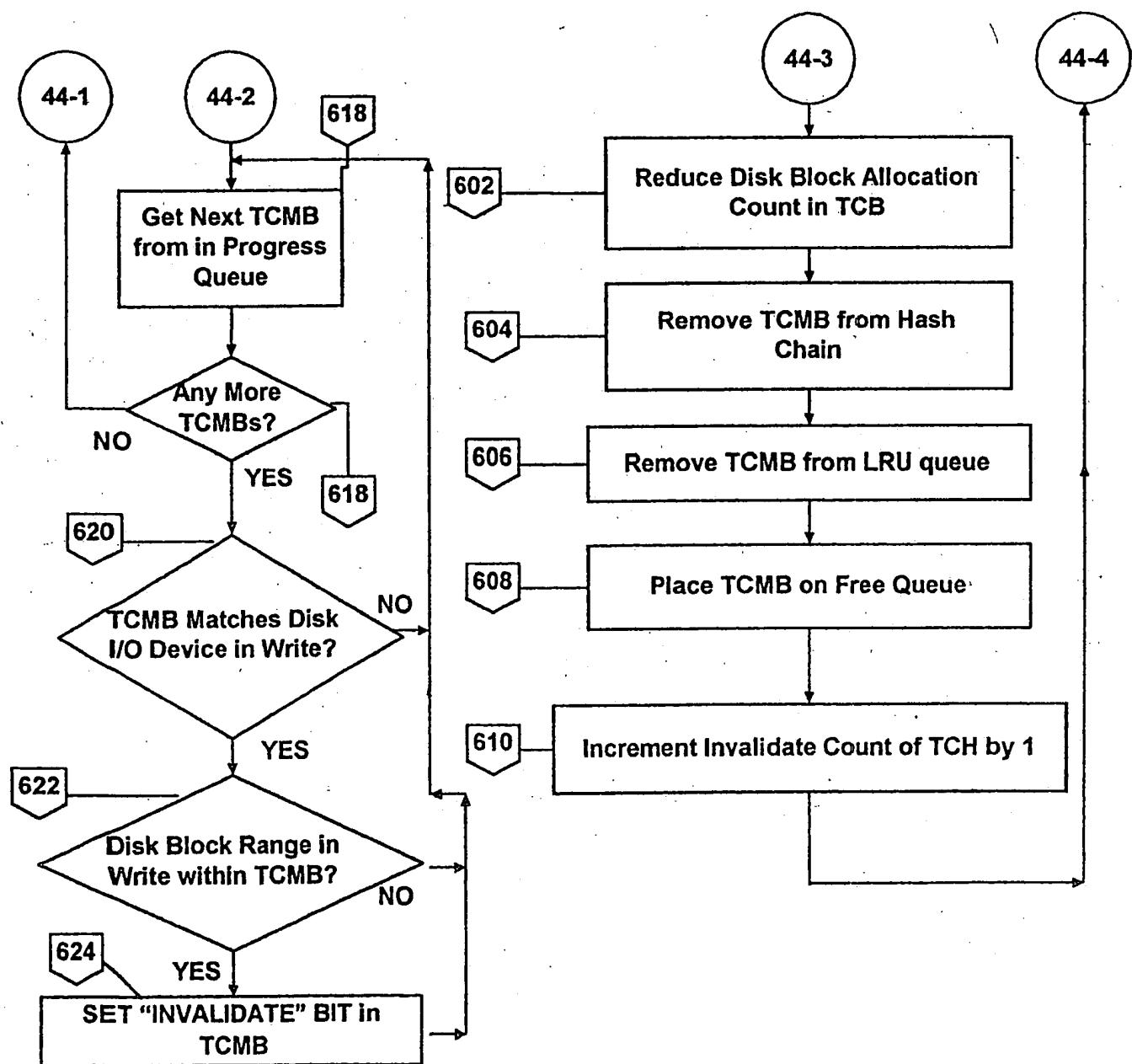
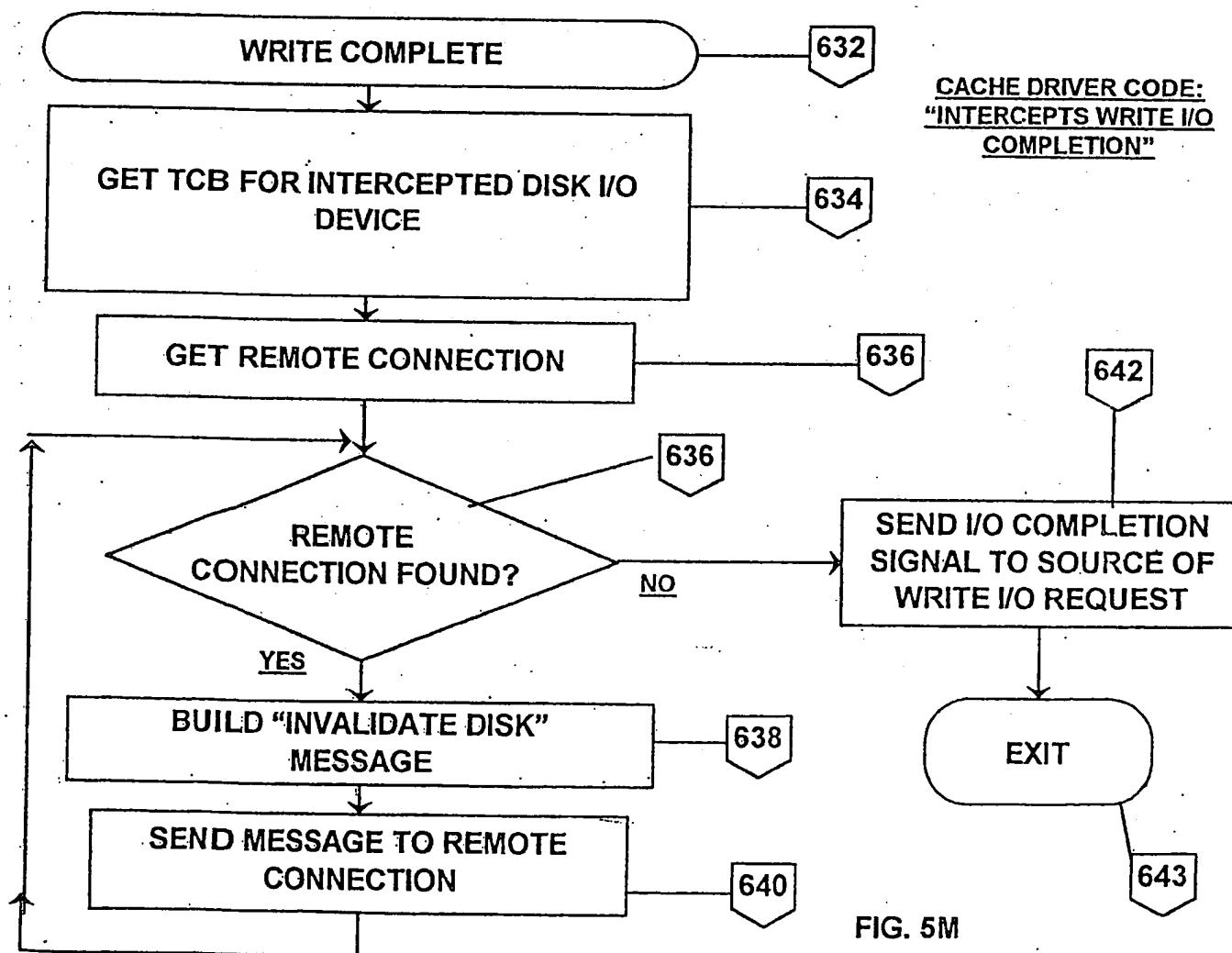
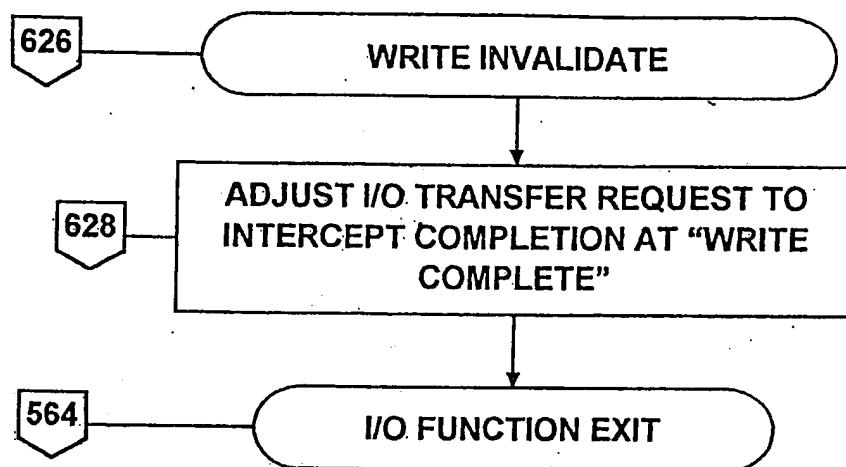


FIG. 5L-2



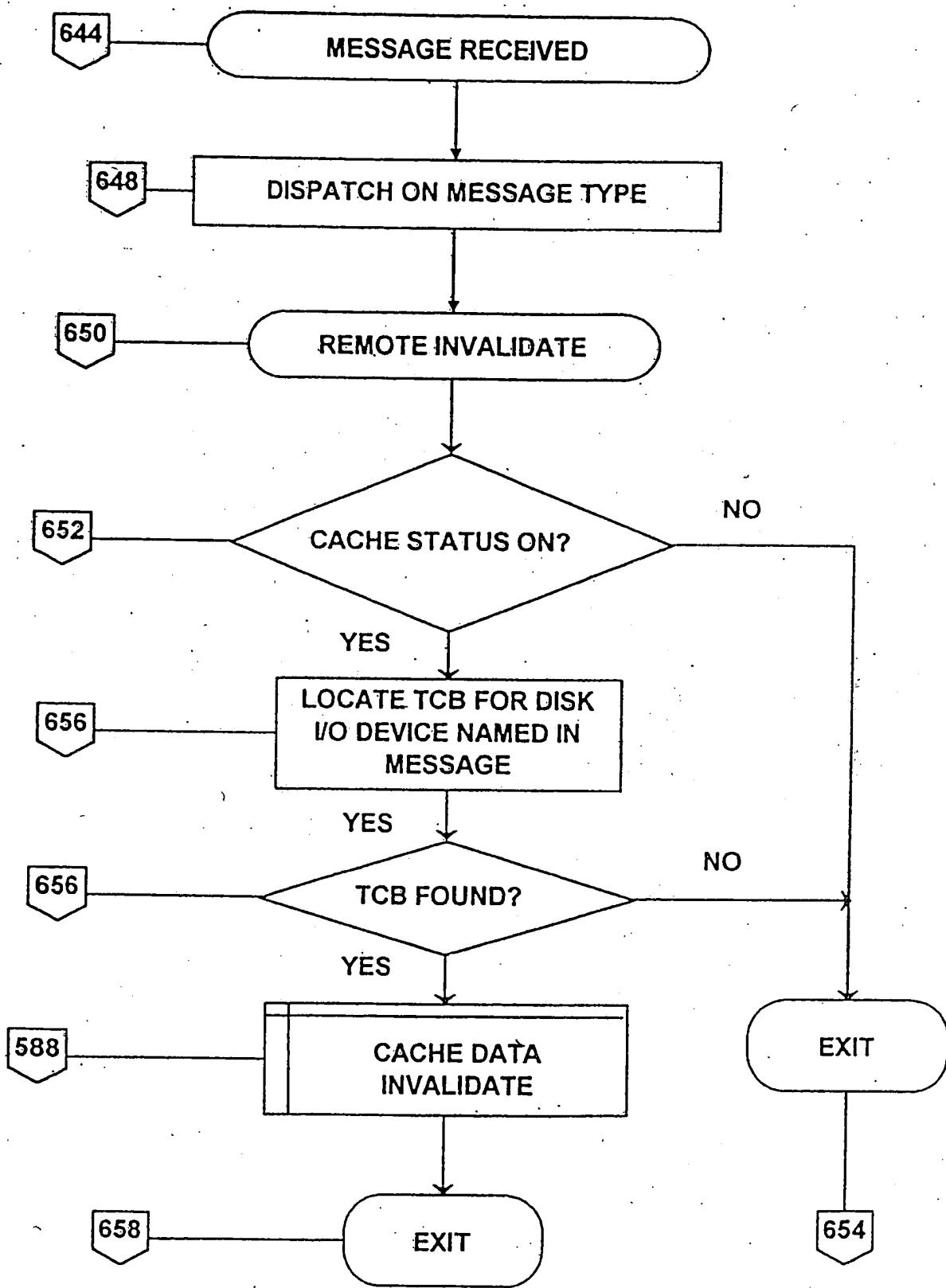


FIG. 5N

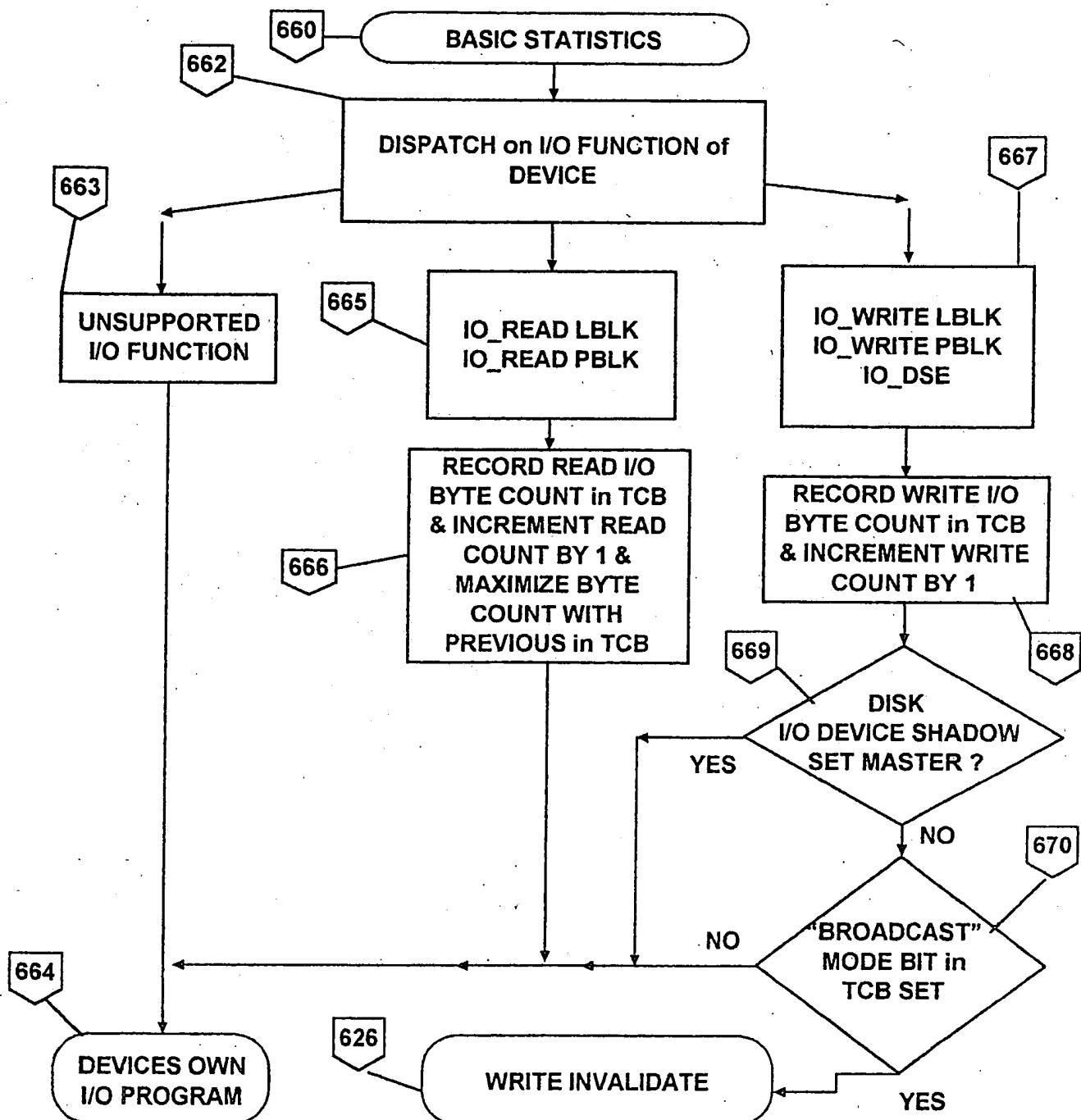


FIG. 50